



# HSNC UNIVERSITY, MUMBAI

A STATE PUBLIC UNIVERSITY

KISHINCHAND CHELLARAM  
COLLEGE

DEPARTMENT OF  
STATISTICS

## About HSN C 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. HSN C 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. HSN CU 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, HSN C University has adopted progressive curriculum reforms and innovative teaching practices to stay at the forefront of transformative higher education in India.

## About K. C. 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 HSN C 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,

# ADMISSIONS OPEN FOR AY 2026-27

## M. Sc. in Statistics

2 years Unaided Program

## About Department of Statistics

Statistics, a subject offering immense and diverse career opportunities, was introduced as a major at the B.Sc. level at K. C. College in 1958. At a time when the discipline was still emerging in mainstream academia, K. C. College became one of the first institutions under the University of Mumbai to offer it—demonstrating its visionary approach to education. Over the decades, the Department of Statistics has built a strong academic foundation rooted in excellence, analytical rigor and innovation. The department remains committed to expanding knowledge, encouraging critical thinking, and promoting research. Faculty members have published around 60+ papers in reputed national and international journals, and the department regularly organizes National Statistics Day, seminars, Guest lectures, International/National conferences and academic events to engage both students and peers in the discipline. In recognition of its academic quality. The department was a part of the Star College Scheme and Status awarded by the Department of Biotechnology (DBT), Government of India. This has enabled the department to further strengthen its infrastructure and resources, including the establishment of a well-equipped computer laboratory, R and Python e-books for students and Researchers. Several workshops, webinars, training programs and national FDPs and student-centric activities like data championships, quizzes and presentations are conducted under this scheme, further enriching the academic experience. Graduates of the department have gone on to excel in diverse sectors, including data analytics, finance, actuarial science, public policy, research, and education. Many are placed in reputable organizations and institutions across the globe, reflecting the department's focus on both foundational strength and real-world relevance. The Department of Statistics at K. C. College, a constituent college of HSN C University, Mumbai, continues to uphold its rich tradition of academic excellence while evolving to meet the demands of a data-driven world.

## Programmes under Department of Statistics

- MSc in Statistics– 2 Years, 4 Semester as per NEP–2020
- PhD in Statistics as per NEP–2020

## Strength of Department of Statistics

### Expert Faculty

#### Majority are Ph.D.

Mentors with Minds that Research, Teach, and Inspire.

#### Scholars Across Disciplines

The Department was established in 1958 and has experienced faculty members with expertise in various fields of Statistics, including Operations Research, Applied Statistics and Demography.

### State-of-the-art Infrastructure

#### Classrooms

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

#### Calculators

The department provides 25 scientific calculators to support students during practical sessions and hands-on learning

#### Lab

Well-equipped labs with advanced software tools including SPSS, AMOS, R, Jamovi, Meta Essential, Python, Power BI, MySQL, and Excel to support statistical computing, data analysis, and research.

## Students' Participation and Achievements

Students of the Department of Statistics actively participate in cultural, research, NSS, and NCC activities at the University, State, and National levels, bringing laurels to the Department through their achievements and contributions. Their active involvement fosters leadership, teamwork, creativity, and social responsibility beyond academics.



19th National Statistics Day 2025 celebration by Department of Statistics, K. C. College Mumbai



Ms. Mittali Patil, M.Sc. Statistics student, won 1st Prize in a National Level Research Poster Competition organised by Rizvi College, securing a certificate and ₹2000 cash award.



MSc Students along with their faculty participated in the celebration of 19th National Statistics Day 2025 celebration of NSO at Ramnarain Ruia College Department of Statistics, Mumbai



Gold Medalist in M. Sc. Statistics for the AY 2024-25 Mr. Neel More felicitated at Convocation Ceremony


**Core Subject Areas**

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| <p><b>Semester I</b></p> <ul style="list-style-type: none"> <li>Probability and Distribution Theory</li> <li>Theory of Estimation and Testing of Hypotheses</li> <li>Linear Models</li> <li>Computational Statistics using R(DSE)</li> <li>Computational Statistics using Python ( DSE)</li> <li>Research Methodology</li> </ul> <p><b>Semester II</b></p> <ul style="list-style-type: none"> <li>Multivariate Analysis</li> <li>Sample Surveys</li> <li>Regression Analysis</li> <li>Machine Learning Techniques(DSE)</li> <li>Demography(DSE)</li> </ul> | <p><b>Semester III</b></p> <ul style="list-style-type: none"> <li>Nonparametric Inference</li> <li>Design of Experiments</li> <li>Time Series Analysis</li> <li>Structural Equation Modeling</li> <li>Statistical Individual Research Project</li> </ul> <p><b>Semester-IV</b></p> <ul style="list-style-type: none"> <li>Stochastic Processes</li> <li>Survival Analysis</li> <li>Statistical Process Control</li> <li>Statistical Individual Research Project</li> </ul> |
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**Practical Learning**

- Hands-on software training in R, Python, SPSS, SPSS AMOS, Power BI, Excel, MINITAB, Meta Essential, Jamovi.
- Practical with real-world data
- Individual Research Project under supervision of faculty member
- Participation in National or International Conference
- Internship opportunity with government and private organization
- Participation in Aavishkar Research Conventions
- Industry-focused workshops

*K.C. College, a constituent college of HSNL University, Mumbai, offers M.Sc. in Statistics programs designed under the NEP 2020 framework. These courses provide a solid grounding in the core concepts of statistics, integrated with practical tools and interdisciplinary learning to prepare students for careers in analytics, research, and data-driven fields.*

 **Why to choose us?**

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| <p><b>01 Legacy of Excellence</b></p> <p>Among the first colleges under the University of Mumbai to offer Statistics as a major since 1958.</p>                             | <p><b>02 Highly Qualified Faculty</b></p> <p>majority of faculty members are PhD holders with expertise in Statistics , Operations Research, Mathematics and NEP Demography.</p>             | <p><b>03 Research-Oriented Environment</b></p> <p>Active student involvement in Jigyaasa Honors Program and Aavishkar Research Conventions and NEP Research Projects</p> |
| <p><b>04 Tech-Enabled Learning</b></p> <p>Smart classrooms, modern labs, scientific calculators, and training in tools like SPSS, AMOS, R, Python, Power BI, and Excel.</p> | <p><b>05 NEP-Compliant Curriculum</b></p> <p>Offers both B.Sc. and B.Sc. (Hons.) in Statistics with flexibility for interdisciplinary learning under the National Education Policy 2020.</p> | <p><b>06 Student-Centric Approach</b></p> <p>Focus on mentoring, holistic development, and preparing learners for both higher education and industry challenges.</p>     |

**What will learners gain?**

- Strong foundation in Pure Statistics, Mathematical Statistics, Applied Statistics (Econometrics, Operations Research, Demography, Actuarial Science etc)
- Hands-on skills in SPSS, AMOS, R, Python, Power BI, and Excel
- Research skills and analytical thinking
- Development of critical thinking and problem-solving abilities
- Industry-relevant knowledge in fields like finance, healthcare, and business
- Improved collaboration and communication skills
- Pathway to higher studies in Data Science, Actuarial Science, and Biostatistics
- Holistic intellectual development through interdisciplinary learning

**Opportunities for M.Sc. Statistics Students**

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| <p><b>Advanced Career Opportunities</b></p> <ul style="list-style-type: none"> <li>Data Scientist</li> <li>Statistician</li> <li>Biostatistician</li> <li>Research Analyst</li> <li>Quantitative Analyst</li> <li>Machine Learning Associate</li> <li>Operations Research Analyst</li> <li>Government Statistical Officer</li> </ul>   | <p><b>Advanced Skill Development</b></p> <ul style="list-style-type: none"> <li>Regression &amp; Predictive Modeling</li> <li>Hypothesis Testing</li> <li>Statistical Computing</li> <li>Data Cleaning &amp; Management</li> <li>Research Methodology</li> <li>Advanced Data Visualization</li> <li>Communication &amp; Presentation Skills</li> </ul> |
| <p><b>Opportunities in Organizations</b></p> <ul style="list-style-type: none"> <li>Reserve Bank of India (RBI)</li> <li>Ministry of Statistics &amp; Programme Implementation (MOSPI)</li> <li>Directorate of Economics &amp; Statistics</li> <li>Indian Council of Medical Research (ICMR)</li> <li>State Election Commission</li> <li>Analytics &amp; Consulting Firms</li> <li>Healthcare &amp; Pharmaceutical Industries</li> </ul> | <p><b>Software &amp; Technical Training</b></p> <ul style="list-style-type: none"> <li>R Programming</li> <li>Python</li> <li>SPSS</li> <li>AMOS</li> <li>Power BI</li> <li>Excel</li> <li>SQL/MySQL</li> </ul>  |
| <p><b>Research &amp; Industry Exposure</b></p> <ul style="list-style-type: none"> <li>Dissertation &amp; Research Projects</li> <li>Internship Opportunities</li> <li>Industry Collaborations</li> <li>Research Conventions</li> <li>Real-world Data Analysis</li> </ul>   |  |

*Internship with reputed government and non governmental organisations like DES*








**Our Alumni making an Impact**

- Faiyaz Gadiwala, Director, Brain Point
- Girish Kulkarni, OSD, State Election Commission of Maharashtra, Mumbai
- Anuradha Bhatt, Proprietress of K. D. International, Faridabad
- Dr. Anjum Ahmed, Professor and Former I/C Principal, Rizvi College
- Sangita Namjoshi, AAO, LIC
- Raghav Narsalay, Director, Accenture
- Dr. Walter D'Lima, Assistant Professor, College of Business, Florida International University, Miami
- Suruchi Bhargav, Partner/ Lead Global GI Consulting at K. A. Pandit
- Ashish Sarowa, Spatial Engineer, HERE Technologies
- Pravesh Tiwari, Sr. Associate (Data Scientist), TheMath Company, L & T Finance
- Aishwarya Menon, Data Analyst at Sterlite Technology Private Limited, Pune
- Gourav Tiwari, Senior Data Scientist, Kotak Mahindra

**Student Progression from 2023-2025**

 <b>DEV VERMA</b> Company name - HDEL Designation - Analyst Salary package - 3 LPA	 <b>KHUSHBOO BARAI</b> Company name - 1 Soft TWARE FAC:ORY Designation - POWER BI ANALYST Salary package - 3.5L LPA	 <b>NEEL MORE</b> Company name: Willis Towers Watson Designation: Analyst Salary package - 6 LPA
 <b>POOJA PATEL</b> Company name - HDFC Bank, Lower Band Designation - Data Scientist Salary package - 4 LPA	 <b>ANNET THAMBI</b> Company name Teleperformance Global Business Private Limited Designation - Back Office Customer Expert I Salary package - 4 LPA	 <b>SHUBHANSHU JADHAV</b> Company name - HDEL India post Ltd Designation - Sports analyst Salary package - 2.8 LPA
 <b>LATIKA PALVEKAR</b> Company Name: Sanozees Health Land Designation: Founder's Office Executive Salary Package: 3 LPA		

**Testimonials from our Alumni**

 <b>Lopita Das (2019-2021)</b> Research Executive   Forster	 <b>Tajal Pendalkar (2019-2021)</b> Catastrophe Risk Analyst   Gallagher	 <b>Md Meraj Chaudhary (2019-2021)</b> Data Analyst   Nielsen
<p><i>Studying Statistics at K.C. College gave me more than just a degree—it gave me the tools to think critically, solve real-world problems, and confidently work with complex data. The practical focus of the program, combined with strong mentorship, played a key role in preparing me for my job at Forster. It was the perfect launchpad into the world of data and analytics.</i></p>	<p><i>Completing my Master's in Statistics from K.C. College was a pivotal step in my career. The college offered a rigorous curriculum, dedicated faculty, and a learning environment that encouraged academic excellence and personal development. The strong emphasis on statistical theory and practical application helped me build a solid analytical foundation.</i></p>	<p><i>I earned my master's in statistics from K.C. College in 2021, building a strong foundation in analytical thinking and statistical methods. As a data analyst at Nielsen, I apply data science to uncover insights and support strategic decisions. My passion for data-driven storytelling and committed to continuous learning in analytics.</i></p>
 <b>Madhu Yastav (2020-2022)</b> Statistical Investigator Grade II Directorate of Census Operations, Hajnaya	 <b>Vrushali Bhoos (2020-2022)</b> Asst. Prof. Statistics Department, K.C. College	 <b>Anurvi Pashalkar (2020-2022)</b> Data Analytics & Business Strategy, Gyanika Technology
<p><i>I am immensely grateful for the opportunities I had at K.C. College. The detailed academic program of M.Sc. Statistics and supportive faculty provided strong foundation of knowledge and skills that influenced my life in a positive way.</i></p>	<p><i>Being part of the M.Sc. Statistics shaped my academic and professional growth as a student and faculty member. Self-learning topics and presentations boosted my subject knowledge and communication skills, while the final project gave me valuable hands-on experience. I encourage students to use library resources along with lectures for a deeper understanding.</i></p>	<p><i>K.C. College's M.Sc. Statistics program gave me the strong analytical and practical skills I use every day as a Data Analyst and Business Strategist. The faculty and hands-on approach truly shaped my career path.</i></p>
 <b>Ms. Sanjana ST (2020-2022)</b> Total Consultant, Career at Bangalore	 <b>Bhanulakshmi Nader (2020-2022)</b> Senior Analyst, IPSGS/MFA	 <b>Kishalaja Chaurasiya (2020-2022)</b> Assistant professor Bhamburda college by college, and Kirt College
<p><i>The Statistics Department's well-structured curriculum built a strong foundation in data science. My final project was a turning point, shaping the skills I now use as a Data Consultant at career 360. I'm grateful to the faculty for their constant support and mentorship.</i></p>	<p><i>My M.Sc. Statistics journey (2020-22) was truly enriching. The self-learning modules and final project strengthened my analytical and communication skills. I urge students to use library resources for deeper learning. The supportive guidance of my teachers was key to my progression.</i></p>	<p><i>The journey of pursuing M.Sc. in Statistics from K.C. College has been an incredible one full of growth and learning. The guidance and mentorship that I received from my professors, have played a major role in my academic and professional path.</i></p>
 <b>Aniket Bane (2020-2022)</b> Ex-Student, Statistics Department, K.C. College	 <b>Nitya Khatun(2021-2023)</b> Actuarial Analyst    WTW	 <b>Chinnay Mohal (2021-2023)</b> Research Associate, AMMR Research
<p><i>Pursuing an M.Sc. in Statistics at K.C. College was a journey of growth and learning. The guidance and mentorship from my professors greatly benefited my academic and professional path. I'm especially grateful to HOD Madhavi for her unwavering support and invaluable letter of recommendation. Her mentorship has had a lasting impact on my career aspirations.</i></p>	<p><i>Studying statistics has been invaluable to my work as an actuarial analyst. I use concepts like AMLE and mortality rates for insurance planning. Survival analysis and GLMs help model claim patterns, while time series analysis supports financial forecasting and informed decisions.</i></p>	<p><i>"My MSc in Statistics laid the perfect foundation for my current role in the FMCG sector. I use DOE, factor analysis, and A/B testing almost daily to optimize new product development and evaluate consumer response. The statistical thinking I developed during my degree helps me to bring data-driven validation to high-impact business decisions.</i></p>



**Contact & Information**

*We are here to support your journey with the University of Rimberio. Feel free to reach out to us through the following channels:*

**Main Contact Information**

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[askmeanything@kccollege.edu.in](mailto:askmeanything@kccollege.edu.in)  
[www.kccollege.edu.in](http://www.kccollege.edu.in)

**Department Contacts**

Head of the Dept.  
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**Operating Hours**

**Monday to Friday**  
 8:00 AM - 5:00 PM

**Saturday**  
 9:00 AM - 1:00 PM

**Department of Statistics**

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