



HSNC UNIVERSITY, MUMBAI

(A State Public Univeristy)



H.R COLLEGE | K.C. COLLEGE | B.T.T.C

SCHOOL OF APPLIED SCIENCES

**BSc Data Science &
Business Analytics**

ADMISSIONS OPEN for the
Academic Year **2025-2026**

Learn how to unleash the
Power of Data to Drive
Growth, Efficiency, and
Innovation in Today's
Competitive Business
Landscape.

Enroll Now



askmeanything@hsncu.edu.in



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www.hsncu.edu.in

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About HSNC University, Mumbai

The HSNC University has been approved by RUSA and the Govt. of Maharashtra and is a State Cluster University with the Hon. Governor of Maharashtra as its Chancellor and eminent industrialist, Dr. Niranjana Hiranandani as its first Provost. The HSNC University comprises of renowned South Mumbai colleges like H.R College of Commerce & Economics as its Lead college, K.C College of Arts, Science & Commerce and Bombay Teachers' Training College as its constituent colleges.

HSNC University is set to build partnerships with the industry and have a new curriculum aligned with industry 4.0. The aim will be to not only learn from the requirements of the market and have industry collaborators willing to orient students towards the same, but also to ensure internships and the best placements for its graduating students.

This multi-faceted University aims to set new paradigms of education. It wishes to harness the energy and enthusiasm of the young, dynamic population of India and guide it towards the path of learning, knowledge, research, innovation, service to society, and entrepreneurship. This newly launched State Cluster University is set to make its indelible mark in the higher education industry in Mumbai and the country by initiating several landmarks, and relevant and contemporary programs of study.



*Launch of HSNC University, Mumbai
10.06.2020 at Raj Bhavan*

About School of Applied Sciences

School of Applied Sciences was the first school formed in 2020 by the HSNCU University Mumbai. The Data Science and Business Analytics program. Data is the new oil. The analytics can become inputs for human decisions or drive fully automated decisions. It helps decision-makers build strategies to perform deep-dive understanding and provide descriptive, predictive and prescriptive analysts. It is used to run the business effectively and is instrumental in its growth. Business Analytics include identifying KPIs, measurement strategy, data analysis, **statistical model building, data mining**. Business analytics can drive critical decision making in the organization and help executive decision-makers build strategies, **predictive analysis, forecasting, risk analysis**, identities and prevents fraud, **market analysis**, etc. Data Scientists use their skills and provide insights into discrete data sets, build complex models and present them in Scorecard format and use the same in executive reviews to lead a data-driven discussion and decisions. Some of the impactful use of Data Science is in Management Information Systems, Financial Services, Market Research, Process Improvements, Process Excellence, End-to-End Product Management, etc. The program emphasizes both theory and modern applications of Data Science and Business analytics. It is structured to provide knowledge and skills necessary for students' employability in industry, academics, and other government and non-government organizations. The program has some unique features like independent projects, several elective courses and extensive computer training in SPARK HADOOP, using standard software packages like **SQL, SPSS, Power BI, MINITAB, R, Tableau, PYTHON** etc. Due to Cluster University, the department got the academic autonomy, and it has been utilized to add the new and need-based elective courses. The independent project work is one of the essential components of this program. The syllabus has been framed to possess a decent balance of theory, methods and applications. The students can study introductory courses from other disciplines like economics, life sciences, Law, Yoga, Image Consultants, Fintech in place of optional/electives. The thrust of the course is to prepare students to enter into a promising career after graduation and provide them with a platform for pursuing higher studies resulting in post-graduation degrees.

Key People



Shri C. P. Radhakrishnan

*Hon'ble Chancellor HSNC University, Mumbai
Governor Of Maharashtra*



Mr. Anil Harish

*Provost
HSNC University, Mumbai*



Dr. Hemlata K. Bagla

*Vice Chancellor HSNC University, Mumbai
Director, Niranjana Hiranandani School
Of Management And Real Estate*

Bsc Data Science & Business Analytics

Students of Arts, Science & Commerce with Minimum 50% aggregate in 12th or equivalent examination. Duration: 3 years/6 Semesters.

Bsc Honors

75% Aggregate in the first 3 years of Bsc Data Science & Business Analytics. 3+ 1 Years.

Scope of Data Science & Business Analytics

1. Data Scientist
2. Data Analyst
3. Data Engineer
4. Business Intelligence Developer
5. Database Administrator
6. Machine Learning Engineer
7. Data Architect
8. Statistician
9. Business Analyst
10. Data and Analytics Manager

The Bachelor's degree from HSNCU University prepares students for effective business intelligence, analytics, decision making based on data, and to take up leadership roles. Every single course is designed to connect you to real-world applications. You'll emerge from the program as an experienced professional, having overcome the challenges of solving actual organizational issues with real-time data-sets on multiple occasions.

Program Structure

Bsc Course Outline (NEP)

SEMESTER 1

- Analytics – I
- Foundations of data science
- Mathematical Foundation – I
- MIS and Excel for Financial Functions
- Analyzing Social Media Networks with NodeXL–I
- Ability Enhancement Course
- Value Added Course
- Indian Knowledge System

SEMESTER 2

- Analytics – II
- R Programming
- Mathematical Foundation – II
- Data Analysis using R/Excel
- Analyzing Social Media Networks with NodeXL–II
- Ability Enhancement Course
- Value Added Course
- Indian Knowledge System

SEMESTER 3

- Data Structures and Algorithms
- Python Programming
- Database Management System
- Visual Representation using Tableau & Power BI
- Predictive Analysis using SPSS
- Hindi / Marathi / Sanskrit

SEMESTER 4

- Essential Programming
- Business Analytics
- Multivariate Calculus
- Visual Representation using Tableau & Power BI
- Predictive Analysis using SPSS
- Hindi / Marathi / Sanskrit

Program Structure

SEMESTER 5

- Machine Learning
- Exploratory Data Analysis
- IOT and Block Chain
- Data Wrangling
- Introduction to Six Sigma
- Internship

SEMESTER 6

- Categorical & Text Analysis
- Artificial Intelligence Time
- Series Analysis High
- Dimensional Data
- Internship

SEMESTER 7

- Foundations of Data Science
- Computational Mathematics
- Python Programming
- Data Analytics using R
- Research Methodology

SEMESTER 8

- DBMS with SQL
- Machine Learning
- Advanced Statistical methods
- Cloud Computing
- Financial Technology

Admission Schedule

Details	Dates
Pre-Registration form to receive e-prospectus and online application login credentials	TBA
Online Application	15 May, 2025
Payment of fees	Please refer to the Circular / Merit list
Induction Programme and commencement date for enrolled candidates	TBA
For Registration	https://www.hsncu.edu.in/

Fee Structure

Bsc Course Fee

Bsc Data Science				
SR.NO.	PARTICULARS	FY	SY	TY
1	ADMISSION PROCESSING	2000	2000	2000
2	TUITION FEES	85500	85500	85500
3	LABORATORY FEES	0	0	0
4	LIBRARY FEES	1350	1350	1350
5	GYMKHANA FEES	400	400	400
6	CO CURRICULAR ACTIVITY	500	500	500
7	EXAMINATION FEES	2895	2895	2895
8	MARKSHEET	600	600	600
9	I CARD	100	100	100
10	GROUP INSURANCE	40	40	40
11	S.W.F	200	200	200
12	UTILITY FEES	250	250	250
13	DEVELOPMENT FUND	500	500	500
14	D.R.F.	10	10	10
15	N.S.S.	20	20	20
16	ALUMNI ASSOCIATION	200	200	200
17	PROJECT FEES	1500	1500	1500
18	E CONVENIENCE FEES	550	550	550
19	UNIV. SPORTS	36	36	36
20	MAGAZINE FEES	100	100	100
21	VOR FUND	20	20	20
22	DEPOSIT	500	0	0
23	CONVOCAION FEES	500	0	500
	TOTAL	97771	96771	97271
	OPTIONAL			
	DOC. VERIFICATION CHARGES	1000		
	ELIGIBILITY FEES	320		
	GRAND TOTAL	99091	96771	97271

Infrastructure



Featured Faculty



Ms. Shailaja J. Rane
Academic Head



Ms. Anjali Sutar
Assistant Professor



Ms. Shruti A Agarwal
Assistant Professor



Ms. Shweta Shankar Maitri
Assistant Professor

INDUSTRY EXPERTS

<i>Mr. Awesh Bhornya</i>	<i>Mr. N. Prasad</i>
<i>Ms. Sana Navsariwala</i>	<i>Dr. Neha Ansari</i>
<i>Mrs. Gauri Chavan</i>	<i>S. Sirodaria</i>
<i>A. Hegde</i>	<i>S. Nigam</i>
<i>Suraj Powar</i>	<i>Pushkar Yevlekar</i>
<i>Hina Chauhan</i>	<i>Mr. Subhash Kumar</i>

Internship/Placement Details

Student Name	Company
ATHARVA RAJU RAIBAGI	Kotak Mahindra Life Insurance
BADANI MUFADDAL AZIZ	Celebration Event Management
DARJI ADITYA MANISH	TATA AIG General Insurance
GONSALVES GRAYSTON WILLIAM	TATA AIG General Insurance
JAS VIPUL MEHTA	Suntech Auto Spares
KADAM PRANIT VIJAY	tag8
SARA SACHIN KALE	Research and Ranking
SHAIKH MOHAMMED AMAAN SHUJAUDDIN	StayVista
Hussain madarwala	Stride Ahead
Jash Jain	RIFTI Solutions LLP
Sanika Bhosale	RIFTI Solutions LLP
Kushi Parte	RIFTI Solutions LLP

Internship/Placement Details

Student Name	Company
Juhi Jadhav	RIFTI Solutions LLP
Snehi Gada	RIFTI Solutions LLP
DRISHTI RAHEJA	RIFTI Solutions LLP
Hardik Shetty	Rebel foods Pvt Ltd.
Poluomi Roy	SkyQuest Technology
Gayatri Kamdar	Alfa Labs
Jay Panchal	Mumbai International Airport
Sneh Jain	WaterFront Capital Services LLP
Saurabh Jangle	Cloud Kitch
Prasad Angwalkar	University of Mumbai-UDCS
Medhansh Kaushik	Parekh Integrated Services Pvt. Ltd.
Mariyam Chitalwala	Datamatics Business Solutions

Internship/Placement Details

Student Name	Company
Harsh Shah	Prasham Investments
Shreay Kacheria	Piramal Pharma Ltd.
Ruchit Sanap	Kifs Finstock Ltd.
Moaviya Sayyed	Digielves Techmantras
Abuzar Ansari	Quali5Care
Shannon Rodrigues	Shoppers Shop
Riddhi Jain	Jnana Farms
Dakshit Makwana	Jnana Farms
Purva Shah	Jnana Farms
Hussain Ujjainwala	Jnana Farms
Vansh Jain	Valence growth partners
Esha Gowani	Ispravh
Naina Nair	RP Tech

Internship/Placement Details

Student Name	Company
Akanksha Panjwani	Jaguar Landrover India Ltd.
Nidhi Joshi	Swastik Furnaces
Aditya Joshi	AEOM Technologies
Patson Dalmeida	0101 Database Conversion Specialist
Ishika Tijore	Ptolemy Technology Pvt. Ltd.
Ramsha Shaikh	MP Jain Tubing Solution LLP
Akanksha Upadhyay	Null Class Technology
Rakkshan Thakkar	Havas Media
Zankhana Boricha	Talent Corner HR Services Pvt. Ltd.
Dhruv Sarkhedi	HCL Tech
Raj Zaveri	Cloud Counselage
Rohan Thakur	Pepper Content

Internship/Placement Details

Student Name	Company
Ishat Sharma	Kifs Finstock Ltd.
Zahabiyah Patrawala	Kifs Finstock Ltd.
Dhanvir Singh	Avid Learning
Siddhant Baikar	Foxtale Consumers Pvt. Ltd.
Anish Kandekar	National Astronomical Observatory of Japan
Sargam Raina	APAC Financial Services
Aabha Phalke	Durwankur Technologies Pvt. Ltd.
Ananya Kumari	Novostac
Aliya Kondkar	Jio (News Team)
Pari Shah	Crompton Greaves Consumer Electricals Ltd.
Kannan Jain	Orim Advisors
Shivani Sharma	FDPL Finances Pvt. Ltd.
Arya Patil	Astrika Infotech Pvt. Ltd.

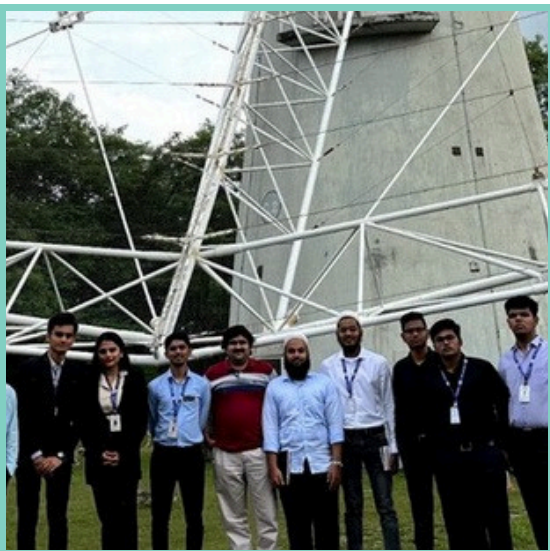
Industrial Visit



Industrial Visit to ISRO



Industrial Visit to Gujarat



Industrial visit to GMRT Pune



Brain Storming Session

Industrial Visit



Industrial visit to Stovekraft



Visit to Pharmaceutical Industry



Industrial visit to Bharat petroleum limited



Industrial visit to Pune



Industrial visit to Chandigarh



Industrial visit to Manali

Student Activities



Induction Programme



Screening of chandrayaan-3 launch



Financial analytics



Bollywood Day



Freshers



Scicode

Student Activities



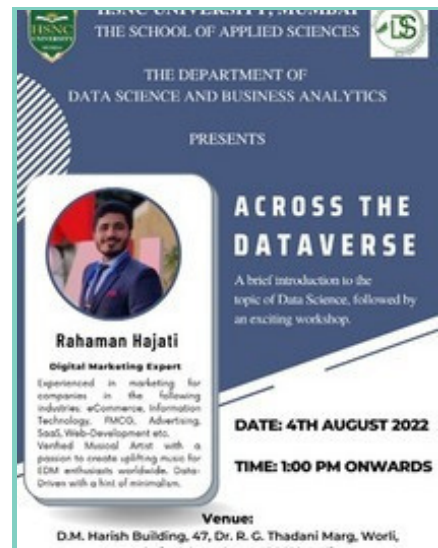
Workshop on Quality Assurance



Workshop on Dot Net



Workshop on SAS



Workshop on Across the dataverse



Workshop on SAS



Group Discussion & Debate Competition