



BSc. in ARTIFICIAL INTELLIGENCE & SPORTS ANALYTICS

Exclusive Collaboration



1st in Mumbai

In recent years, the field of Artificial Intelligence and Sports Analytics has grown in popularity and importance. It offers young talent an opportunity to learn the nuances of sports analytics and technology and trains them to pursue a career in various interdisciplinary careers. Nowadays, there is a huge demand of Artificial Intelligence in different sectors including Manufacturing, Health care, Automobile, E Commerce, Education and other emerging sectors and using Sports Analytics, data and statistics are used to make decisions in areas such as: Player/team performance, Player health/nutrition, Fan experience.

The program is designed to offer students fundamental knowledge and intensive practical experience to prepare them for pursuing challenging roles in their future careers. The program also focuses on research and develop strong analytical thinking skills and problem-solving abilities that benefit graduates personally and professionally.

Why Choose TransStadia Institute?

- Institute is collaborated with IBM.
- Emphasis on mathematical concepts to build a solid foundation for the degree.
- Curriculum designed by academicians and industry experts to strike balance between theory and practical.
- Access to technical resources and tools, allowing them to develop the skills and knowledge required to excel in their careers.
- Well-equipped computer laboratories and all sports facilities.
- The program is offered in collaboration with industry partners enabling students to work on real-time projects and gain hands-on experience working in the industry.
- National and Internationally aligned curriculum supporting students who wish to pursue higher education abroad.
- Research and Project based learning in 5th and 6th semester.
- Entrepreneurship cell to help young tech-based startups.
- Equip students with skills that are in high demand from industry.



@transstadiainstitute

**CENTRE OF EXCELLENCE IN SPORTS SCIENCE & SPORTS MANAGEMENT
TRANSSTADIA INSTITUTE IN COLLABORATION WITH THE UNIVERSITY OF MUMBAI**



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Language Bhavan, (Nr. Chhatrapati Shivaji Maharaj Bhavan), University of Mumbai, Vidya Nagari,
Kalina, Santacruz (E), Mumbai - 400098

Program STRUCTURE

As part of this program, students will opt for 6 courses each semester which will comprise:

- 4 school-specific courses
- 1 blended elective
- 1 value-added elective
- Summer internship at the end of the 4th semester
- 6 credits for Research & Practical Project work in the 5th semester and 6th semester

FOUNDATION COURSES

Mathematics for Intelligent System
Communication
Database Management Sysytem
Operating Systems
Foundation of AI

CORE COURSES

Introduction to Basic Elec. Engineering
Principles of Electronics
Intelligence of Biological Systems
Discreate Mathematics
Python Programming

SPECIALISATION COURSES

Introduction to Computer Sc.
Advanced Web Technologies
AI in Sports
Sports Electronics
Machine Intelligence for Sports data

Career PROSPECTS

Big Data Engineer

Data Scientist

Research
Scientist

Data Analyst

IT Consultant

Business Intelligence
Developer

Machine Learning
Engineer

Robotic
Engineer

Sports Analytics

AI Engineer

“ When technology is overdone our humanity, we are dedicated to carrying a positive, safe, supportive and learning ecosystem to cultivate well rounded, confident and responsible individuals who aspire to achieve their full potential in the field of Data Science & Sports Studies ”

Program Director



Free
COUNSELLING

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