

Unlocking the best Roles in near

*Future*



**CHANDIGARH  
GROUP OF COLLEGES**

Building Careers. Transforming Lives.

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*Explore*  
**Your Career...**

## **B. TECH ARTIFICIAL INTELLIGENCE & DATA SCIENCE**



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## ABOUT THE PROGRAM

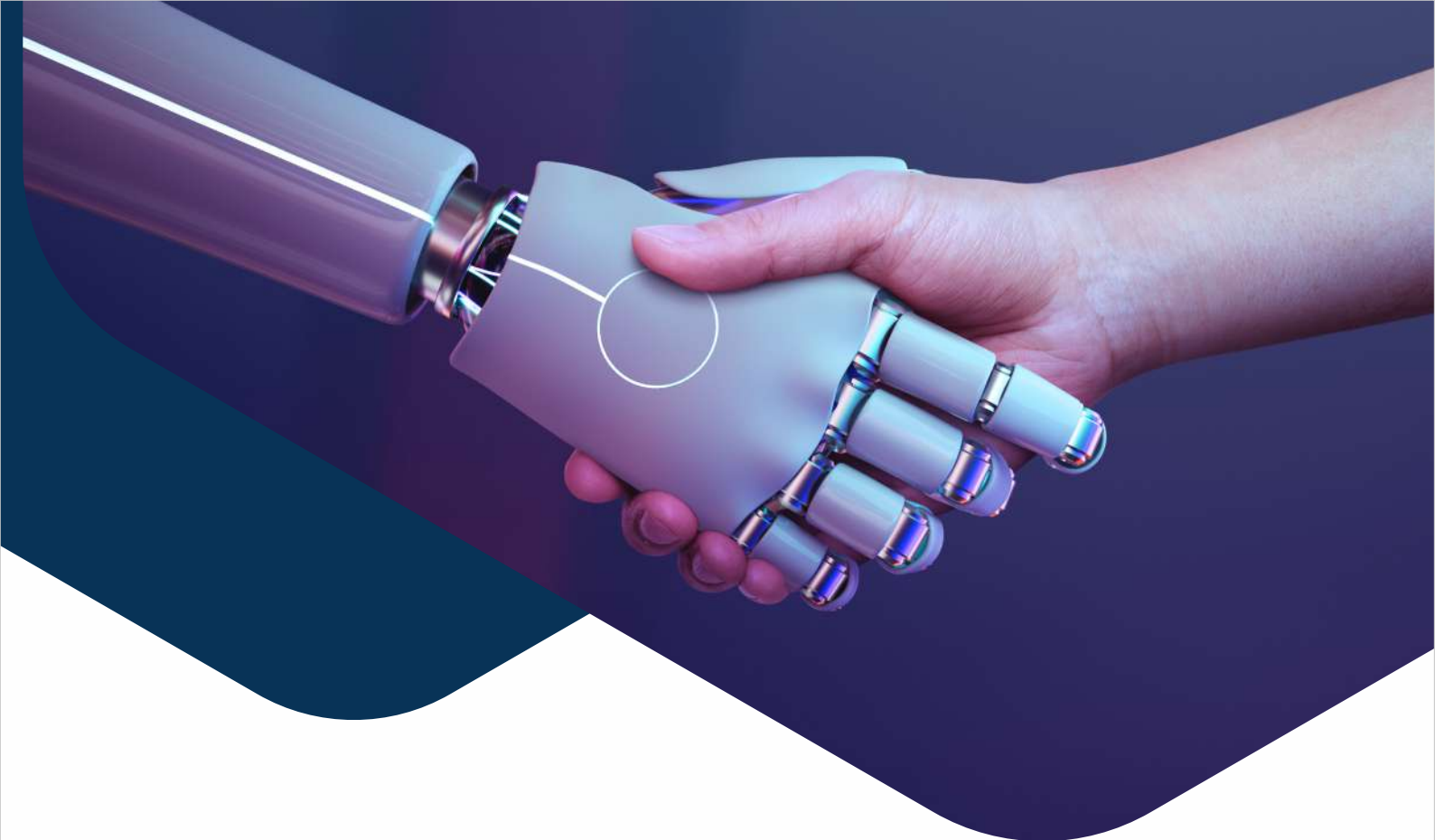
- Data Science has evolved as one of the most promising and in-demand career paths. With big data playing a crucial role for almost all enterprises, the importance of the same has gone manifold.
- This four-year under-graduate program in CSE (Data Science) has been specifically designed to provide a platform to the students for a prospective career in the highly evolving data science industry.
- This program is for students who are interested in learning about all aspects of uncovering facts, processes, algorithms, and systems to extract knowledge and insights from noisy, structured, as well as unstructured data
- The shortage of skilled professionals in a world which is increasingly turning to data for decision making has also led to the huge demand for Data Scientists in start-ups as well as well-established companies.
- Data Analyst experts are among the most sought-after professionals in the IT sector, with demand for skilled technocrats in that field outpacing other IT jobs by a wide margin.

## OBJECTIVES

- This program develops the skills of creating the fastest working apps or solutions integrated with analytical information ensuring 100% accuracy in the output.
- To produce graduates who are well versed with theoretical knowledge and the skill set to address all aspects of creating, managing, processing, and converting data to knowledge.

## CAREER OBJECTIVES

- A career in exceptional and prospective fields and challenging roles in a futuristic industry. The financial security, the freedom to relocate, the lifelong prospect of learning make this program an ideal career for computer science enthusiasts.
- The graduates of the program can pursue higher education at premier national or international universities with a great future in the field of research as well.



## ASSOCIATIONS

- Member of Red Hat and Oracle Academy
- Ingenious labs including IBM, FRESCO & AICTE AQIS MODROB.
- An active local chapter of NPTEL
- Partnership with companies like AWS & NVIDIA
- Functioning Industry Institute Partnership Cell
- ACM student chapt

## CAREER PROFILES & ROLES

- Chief Technology Officer
- Data Scientist
- Business Analyst
- System Analyst
- Data Analyst
- Data Architect
- Application developer & Entrepreneur
- Analytics Manager
- Data Systems Developers
- Functional Analyst

## DURATION & ELIGIBILITY

**Duration:** 4 Years  
(8 Semesters - Full Time)

**Eligibility:** The candidates who have passed the 10+2 examination with Physics and Mathematics as compulsory subjects along with either Chemistry, Biotechnology, Biology, or Technical Vocational subject are eligible.