



Specialization of B.Tech Courses

JIS University

B.Tech in Computer Science and Engineering

The Department will aim to equip the students with the ability and skills to analyze, design and develop computer systems and their applications, with a curriculum that has a balanced emphasis on theory, practicals and projects.

The focus will be on development and strengthening systems thinking, problem solving, analysis, design, research, team work, communication skills, and readiness for lifelong learning in areas of Artificial Intelligence, Machine Learning, Deep Learning, Cloud Computing, Cyber Security, Embedded Systems, Internet of Things, Applications in Healthcare and Smart Living.

The courses run by the Department will use mixed techniques of interactive lectures, tutorials, laboratory work, guided case studies, literature surveys and project work that require team work, critical and creative thinking.

B.Tech in Computer Science and Engineering with Major in AI

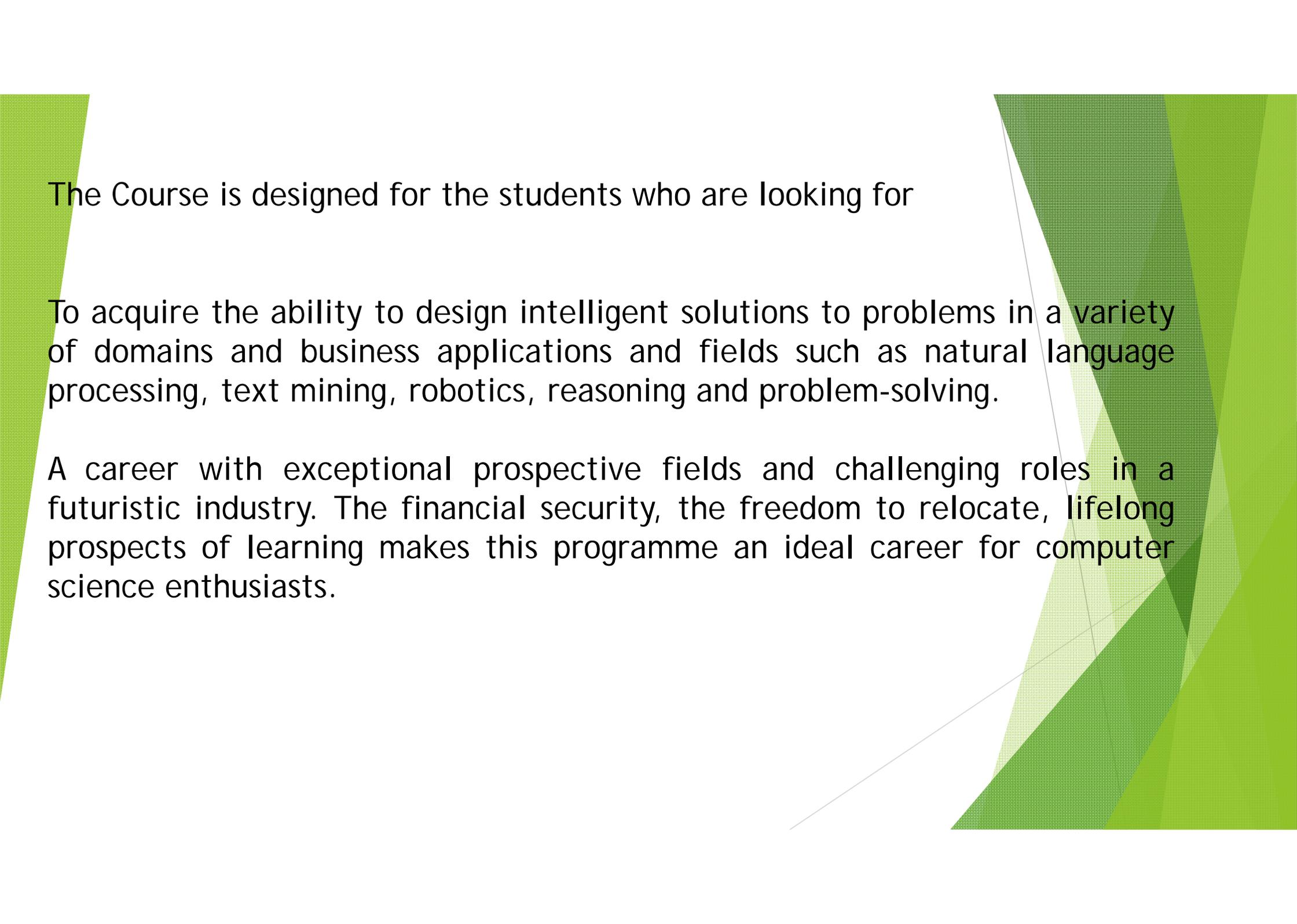
B.Tech Computer Science & Engineering with major in AI (Artificial Learning) is an undergraduate programme with advanced learning solutions imparting knowledge of advanced innovations like machine learning, often called deep learning and artificial intelligence.

This specialization is designed to enable students to build intelligent machines, software, or applications with a cutting-edge combination of machine learning, analytics and visualization technologies. The main goal of artificial intelligence (AI) and machine learning is to program computers to use example data or experience to solve a given problem.

B.Tech in Computer Science and Engineering with Major in AI

Many successful applications based on machine learning exist already, including systems that analyze past sales data to predict customer behaviour (financial management), recognize faces or spoken speech, optimize robot behavior so that a task can be completed using minimum resources, and extract knowledge from bioinformatics data.

This programme discusses AI methods based in different fields, including neural networks, signal processing, control, and data mining, in order to present a unified treatment of machine learning problems and solutions.



The Course is designed for the students who are looking for

To acquire the ability to design intelligent solutions to problems in a variety of domains and business applications and fields such as natural language processing, text mining, robotics, reasoning and problem-solving.

A career with exceptional prospective fields and challenging roles in a futuristic industry. The financial security, the freedom to relocate, lifelong prospects of learning makes this programme an ideal career for computer science enthusiasts.

The students can choose after the course

- Machine Learning Engineer
- Data Scientist
- Artificial Intelligence Engineer
- Data Analyst
- Machine Learning Architect

Openings in

- ❖ Amazon
- ❖ CapGemini
- ❖ Mphasis
- ❖ NTTData
- ❖ Quickheal
- ❖ SYNTEL
- ❖ TCS
- ❖ Vivo Mobile
- ❖ Wipro