

**DELHI PUBLIC SCHOOL JAMMU**  
**SESSION: 2025-26**  
**SYLLABUS**

**SUBJECT: ARTIFICIAL INTELLIGENCE (417)**

**CLASS: X**

**Objectives:**

- Understand what communication process is all about.
- Revise the chapter on Windows 10 Operating System studied earlier.
- Understand and discuss about different types of entrepreneurship from a societal perspective.
- Understand the importance of sustainable development.
- To understand the contents of Digital Images.
- To enable machines to Comprehend the meaning, context, and intent behind human language.
- To turn raw data into meaningful information.

**A.Employability Skills**

Unit 1: Communication Skills

Unit 2: Self-Management Skills

Unit 3: ICT Skills

Unit 4: Entrepreneurial Skills

Unit 5: Green Skills

**B.Subject Specific Skills**

Unit 1: Introduction to Artificial Intelligence

Unit 2: AI Project Cycle

Unit 3: Advance Python (To be assessed in Practicals only)

Unit 4: Data Science (Introduction, Applications of Data Sciences, Data Science: Getting Started (up to Data Access), remaining portion is to be assessed in practical

Unit 5: Computer Vision (Introduction, Applications of Computer Vision, Computer Vision: Getting Started (up to RGB Images), remaining portion is to be assessed in practical

Unit 6: Natural Language Processing

Unit 7: Evaluation

**DELHI PUBLIC SCHOOL JAMMU**  
**SESSION: 2025-26**  
**SYLLABUS BIFURCATION**

**SUBJECT: ARTIFICIAL INTELLIGENCE (417)**

**CLASS :X**

APRIL	<b><u>Employability Skills</u></b> Unit 1: Communication Skills Unit 2: Self-Management Skills
MAY	<b><u>Employability Skills</u></b> Unit 3: ICT Skills Unit 4: Entrepreneurial Skills Unit 5: Green Skills
JULY	<b><u>Subject Specific Skills</u></b> Unit 1: Introduction to Artificial Intelligence Unit 5: Computer Vision (Introduction, Applications of Computer Vision, Computer Vision: Getting Started (up to RGB Images),
AUGUST	Unit 5: Computer Vision (Introduction, Applications of Computer Vision, Computer Vision: Getting Started (up to RGB Images), Unit 6: Natural Language Processing <b><u>Practical</u></b> Unit 3: Advance Python
SEPTEMBER	Unit 4: Data Science (Introduction, Applications of Data Sciences, Data Science: Getting Started (up to Data Access), Unit 3: Advance Python
OCTOBER	Unit 7: Evaluation Unit 4: Data Science (Introduction, Applications of Data Sciences, Data Science: Getting Started (up to Data Access), Unit 3: Advance Python
NOVEMBER	Unit 2: AI Project Cycle Unit 3: Advance Python

