



## FORTNIGHTLY SYLLABUS PLANNING (2026-27)

### CLASS XI

### SUBJECT- ARTIFICIAL INTELLIGENCE

**New Session begins on 13<sup>th</sup> April 2026**

S.No.	Duration	No. of Teaching Days	Theory	Practical/ Activity
1	15 <sup>th</sup> April- 30 <sup>th</sup> April	12	Unit 1- Introduction- AI for everyone (contd)	Presentations- Use of AI in Daily life
2	1 <sup>st</sup> May- 15 <sup>th</sup> May	10	Unit 1- Introduction- AI for everyone Unit 2- Unlocking your future in AI (contd.)	Posters/ Presentation – 1. Job Roles within the field of AI 2. Impact of AI in various fields
3	16 <sup>th</sup> May-31 <sup>st</sup> May	5	Unit 2- Unlocking your future in AI	Python
<b>Summer Vacations:25<sup>th</sup> May – 30<sup>th</sup> June 26</b>				
4	1 <sup>st</sup> July- 15 <sup>th</sup> July	11	Unit 3- Python Programming (contd.)	Python
5	16 <sup>th</sup> July-31 <sup>st</sup> July	12	Unit 3- Python Programming Unit 4- Introduction to Capstone Project (contd.)	Python
<b>Periodic Test-1: 31<sup>st</sup> July – 7<sup>th</sup> August 26</b>				
6	1 <sup>st</sup> Aug- 15 <sup>th</sup> Aug	10	Unit 4- Introduction to Capstone Project Unit 5 – Data Literacy – Data collection to Data Analysis (contd)	Python
7	16 <sup>th</sup> Aug- 31 <sup>st</sup> Aug	9	Unit 5 – Data Literacy – Data collection to Data Analysis	Python
<b>Syllabus Completion for Mid Term Examinations: 31<sup>st</sup> Aug 2026</b>				
<b>Practicals for Mid Term Examinations: 7<sup>th</sup> Sept – 11<sup>th</sup> Sept 26</b>				
8	1 <sup>st</sup> Sept-15 <sup>th</sup> Sept	8	<b>REVISION</b>	
<b>Mid Term Examination: 14<sup>th</sup> Sept- 25<sup>th</sup> Sept 26</b>				
9	16 <sup>th</sup> Sept – 30 <sup>th</sup> Sept	3	Unit 1- Communication skill	Presentation on various topics related to the content
10	1 <sup>st</sup> Oct- 15 <sup>th</sup> Oct	10	Unit 2- Self management skill	Presentation on various topics related to the content
<b>Autumn Break- 17<sup>th</sup> Oct – 20<sup>th</sup> Oct 26</b>				
11	16 <sup>th</sup> Oct-31 <sup>st</sup> Oct	8	Unit 6- Machine Learning Algorithms (contd)	Python
12	1 <sup>st</sup> Nov -15 <sup>th</sup> Nov	7	Unit 6- Machine Learning Algorithms	Python
<b>Diwali Break : 7<sup>th</sup> Nov – 11<sup>th</sup> Nov 26</b>				
13	16 <sup>th</sup> Nov-30 <sup>th</sup> Nov	9	Unit 7- Leveraging Linguistics and Computer Science (contd)	Python
<b>Periodic Test 2: 7<sup>th</sup> Dec – 14<sup>th</sup> Dec 26</b>				
14	1 <sup>st</sup> Dec- 15 <sup>th</sup> Dec	11	Unit 7- Leveraging Linguistics and Computer Science Unit 3- Information and communication skills Unit 4- Entrepreneurship skills	Python
15	16 <sup>th</sup> Dec-31 <sup>st</sup> Dec	7	Unit 5- Green Skills	
<b>Winter Break- 28<sup>th</sup> Dec - 8<sup>th</sup> Jan 27</b>				
16	1 <sup>st</sup> Jan -15 <sup>th</sup> Jan	5	Unit 8- AI Ethics and Values (contd)	Python
17	15 <sup>th</sup> Jan- 31 <sup>st</sup> Jan	9	Unit 8- AI Ethics and Values	Python
<b>Syllabus Completion for Annual Examination: 29<sup>th</sup> January 27</b>				
18	1 <sup>st</sup> Feb - 15 <sup>th</sup> Feb	5	<b>REVISION</b>	
<b>Practicals for Annual Examination: 1<sup>st</sup> Feb – 5<sup>th</sup> Feb 27</b>				
<b>Annual Examination Begins: 8<sup>th</sup> February 27</b>				

## SYLLABUS FOR ASSESSMENT

Exam	Test Date	Syllabus
PERIODIC TEST 1	3 Aug 2026	Unit 1- Introduction – AI for everyone Unit 3- Python Programming
MID TERM EXAMINATION	18 Sept 2026	Unit 1- Introduction – AI for everyone Unit 2- Unlocking your future in AI Unit 3- Python Programming Unit 4- Introduction to Capstone Project
PERIODIC TEST 2	7 Dec 2026	Unit 5 – Data Literacy – Data collection to Data Analysis Unit 6- Machine Learning Algorithms <b>Employability Skills</b> Unit 1- Communication Skills Unit 2- Self Management Skills
ANNUAL EXAMINATION		Full Syllabus