



*Sir Padampat Singhania Education
Centre*

Kamla Nagar, Kanpur

*Lesson Plan
Session 2025 - 2026
Class: XIth*

Subject : Artificial intelligence
Book : N.C.E.R.T.

Subject Coordinator
Name: Richi Sharma

Sign:

Head of Department
Name: Richi Sharma

Sign:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning Overview

Session: 2025 - 2026

Subject : Artificial intelligence
102

Class : XI

No. of periods :

Month	Assessed in	Lesson/s to be covered	Period Count
April 2025	Periodic Test-I Half Yearly Exam Annual Exam	Unit 1: Communication Skills-IV	6
May 2025	Periodic Test-I Half Yearly Exam Annual Exam	Unit 1: Communication Skills-IV	12
June 2025	Half Yearly Exam Annual Exam	Summer Vacation Unit 2: Self-Management Skills-IV	2
July 2025	Half Yearly Exam Annual Exam	Unit 3: ICT Skills-IV Unit 4: Entrepreneurial Skills-IV	9 4
August 2025	Half Yearly Exam Annual Exam Periodic Test-II Annual Exam	Unit 5: Green Skills-IV Unit 1: Introduction: Artificial Intelligence for Everyone Unit 4: Introduction to Capstone Project Unit 2: Unlocking your Future in AI	6 6
September 2025	Periodic Test-II Annual Exam	Unit 2: Unlocking your Future in AI Half Yearly Examination	6
October 2025	Periodic Test-II Annual Exam	Unit 5: Data Literacy – Data Collection to Data Analysis Unit 7: Leveraging Linguistics and Computer Science	10
November 2025	Periodic Test-II Annual Exam	Unit 6: Machine Learning Algorithms	12
December 2025	Periodic Test-II Annual Exam Annual Exam	Unit 8: AI Ethics and Values	10 2
January 2026	Annual Exam	Winter Vacation Unit 3: Python Programming	10
February 2026	Annual Exam	Unit 3: Python Programming Revision, Case studies and Doubt Clearing Session Annual Examination	3 4
March 2026		Annual Examination	

Subject coordinator:

HOD:

Richi Sharma

Richi Sharma



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly Syllabus/Planning Overview

Session: 2025 - 2026

Subject : Artificial intelligence
102

Class : XI

No. of periods :

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
April	Apr 14, 2025	Apr 30, 2025	Unit 1: Communication Skills-IV	6
May	May 1, 2025	May 31, 2025	Unit 1: Communication Skills-IV	12
June	June 1, 2025	June 30, 2025	Summer Vacation Unit 2: Self-Management Skills-IV	2
July	July 1, 2025	July 31, 2025	Unit 3: ICT Skills-IV Unit 4: Entrepreneurial Skills-IV	9 4
August	Aug 1, 2025	Aug 31, 2025	Unit 5: Green Skills-IV Unit 1: Introduction: Artificial Intelligence for Everyone Unit 4: Introduction to Capstone Project Unit 2: Unlocking your Future in AI	6 6
September	Sep 1, 2025	Sep 30, 2025	Unit 2: Unlocking your Future in AI Half Yearly Examination	6
October	Oct 1, 2025	Oct 31, 2025	Unit 5: Data Literacy – Data Collection to Data Analysis Unit 7: Leveraging Linguistics and Computer Science	10
November	Nov 1, 2025	Nov 30, 2025	Unit 6: Machine Learning Algorithms	12
December	Dec 1, 2025	Dec 31, 2026	Unit 8: AI Ethics and Values	10 2
January	Jan 5, 2026	Jan 31, 2026	Winter Vacation Unit 3: Python Programming	10
February	Feb 1, 2026	Feb 28, 2026	Unit 3: Python Programming Revision, Case studies and Doubt Clearing Session Annual Examination	3 4
March	Mar 1, 2026	Mar 31, 2026	Annual Examination	

Subject coordinator:
Richi Sharma

HOD:
Richi Sharma



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence Class : XI No. of periods: 10

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 1 : 14/04/2025 to 19/04/2025		Period Count: 1	
PD1	Ambedkar Jayanti		
PD2	Unit 1: Communication Skills-IV		
PD3	Good Friday		
WEEK 2 : 21/04/2025 to 26/04/2025		Period Count: 3	
PD1	Unit 1: Communication Skills-IV		
PD2	Unit 1: Communication Skills-IV		
PD3	Unit 1: Communication Skills-IV		
WEEK 3 : 28/04/2025 to 03/05/2025		Period Count: 3	
PD1	Unit 1: Communication Skills-IV		
PD2	Unit 1: Communication Skills-IV		
PD3	Unit 1: Communication Skills-IV		
WEEK 4 : 05/05/2025 to 10/05/2025		Period Count: 3	
PD1	Unit 2: Self-Management Skills – III		
PD2	Unit 2: Self-Management Skills – III		
PD3	Unit 2: Self-Management Skills – III		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur
Weekly planning overview
Session: 2025 - 2026

Subject : Artificial intelligence
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Class : _XI_

No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _5_ : _12/05/2025_ to _17/05/2025_		Period Count: _2_	
PD1	Buddha Purnima		
PD4	Unit 2: Self-Management Skills – III		
PD5	Unit 2: Self-Management Skills – III		
WEEK _6_ : _19/05/2023_ to _24/05/2023_		Period Count: _3_	
PD1	Unit 2: Self-Management Skills – III		
PD2	Unit 2: Self-Management Skills – III		
PD3	Unit 2: Self-Management Skills – III		
WEEK _7_ : _26/05/2025_ to _31/05/2025_		Period Count: _3_	
PD1	Unit 2: Self-Management Skills – III		
PD2	Unit 2: Self-Management Skills – III		
PD3	Unit 2: Self-Management Skills – III		
WEEK _8_ : _02/06/2025_ to _07/06/2025_		Period Count: _0_	
PD1	SUMMER VACATION		
PD2	SUMMER VACATION		
PD3	SUMMER VACATION		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur
Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence

Class : _XI_

No. of periods :

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Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _9_ : _09/06/2025_ to _14/06/2025_		Period Count: _0_	
PD1	SUMMER VACATION		
PD2	SUMMER VACATION		
PD3	SUMMER VACATION		
WEEK _10_ : _16/06/2025_ to _21/06/2025_		Period Count: _0_	
PD1	SUMMER VACATION		
PD2	SUMMER VACATION		
PD3	SUMMER VACATION		
WEEK _11_ : _23/06/2025_ to _28/06/2025_		Period Count: _1_	
PD1	SUMMER VACATION		
PD2	SUMMER VACATION		
PD3	Unit 3: ICT Skills-IV		
WEEK _12_ : _30/06/2025_ to _05/07/2025_		Period Count: _3_	
PD1	Unit 3: ICT Skills-IV		
PD2	Unit 3: ICT Skills-IV		
PD3	Unit 4: Entrepreneurial skills		



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence

Class : _XI_

No. of periods :

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Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _13_ : _07/07/2025_ to _12/07/2025_		Period Count: _3_	
PD1	Unit 4: Entrepreneurial skills		
PD2	Unit 4: Entrepreneurial skills		
PD3	Unit 4: Entrepreneurial skills		
WEEK _14_ : _14/07/2025_ to _19/07/2025_		Period Count: _3_	
PD1	Unit 4: Entrepreneurial skills		
PD2	Unit 4: Entrepreneurial skills		
PD3	Revision and Case studies		
WEEK _15_ : _21/07/2025_ to _26/07/2025_		Period Count: _3_	
PD1	Periodic Test-I Case studies		
PD2	Unit 4: Entrepreneurial skills		
PD3	Unit 4: Entrepreneurial skills		
WEEK _16_ : _28/07/2025_ to _02/08/2025_		Period Count: _3_	
PD1	Unit 4: Entrepreneurial skills		
PD2	Unit-5: Green Skills		

PD3	Unit-5: Green Skills		
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Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence
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Class : _XI_

No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _17_ : _04/08/2025_ to _09/08/2025_		Period Count: _3_	
PD1	Unit-5: Green Skills		
PD2	Unit-5: Green Skills		
PD3	Unit-5: Green Skills		
WEEK _18_ : _11/08/2025_ to _16/08/2025_		Period Count: _2_	
PD1	Unit 1: Introduction: Artificial Intelligence for Everyone		
PD2	Unit 1: Introduction: Artificial Intelligence for Everyone		
PD3	Independence Day		
WEEK _19_ : _18/08/2025_ to _23/08/2025_		Period Count: _3_	
PD1	Unit 1: Introduction: Artificial Intelligence for Everyone		
PD2	Unit 4: Introduction to Capstone Project		
PD3	Unit 4: Introduction to Capstone Project		
WEEK _20_ : _25/08/2025_ to _30/08/2025_		Period Count: _3_	
PD1	Unit 2: Unlocking your Future in AI		

PD2	Unit 2: Unlocking your Future in AI		
PD3	Unit 2: Unlocking your Future in AI		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence

Class : XI

No. of periods :

5

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 21 : 01/09/2025 to 06/09/2025		Period Count: 2	
PD1	Unit 2: Unlocking your Future in AI		
PD2	Unit 2: Unlocking your Future in AI		
PD3	Eid-UL-Milad		
WEEK 22 : 08/09/2025 to 13/09/24		Period Count: 3	
PD1	Revision and Case studies		
PD2	Revision and Case studies		
PD3	Revision and Case studies		
WEEK 23 : 15/09/2025 to 20/09/2025		Period Count: 0	
PD1	Half Yearly Examination		
PD2	Half Yearly Examination		
PD3	Half Yearly Examination		
WEEK 24 : 22/09/2025 to 27/09/2025		Period Count: 0	
PD1	Half Yearly Examination		

PD2	Half Yearly Examination		
PD3	Half Yearly Examination		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence

Class : _XI_

No. of periods:

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Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _25_ : _29/09/2025_ to _04/10/2025_		Period Count: _2_	
PD1	Unit 2: Unlocking your Future in AI		
PD2	Dussehra & Mahatma Gandhi Jayanti		
PD3	Unit 5: Data Literacy – Data Collection to Data Analysis		
WEEK _26_ : _06/10/2025_ to _11/10/2025_		Period Count: _3_	
PD1	Unit 5: Data Literacy – Data Collection to Data Analysis		
PD2	Unit 5: Data Literacy – Data Collection to Data Analysis		
PD3	Unit 5: Data Literacy – Data Collection to Data Analysis		
WEEK _27_ : _13/10/2025_ to _18/10/2025_		Period Count: _3_	
PD1	Unit 5: Data Literacy – Data Collection to Data Analysis		
PD2	Unit 5: Data Literacy – Data Collection to Data Analysis		
PD3	Unit 5: Data Literacy – Data Collection to Data Analysis		
WEEK _28_ : _20/10/2025_ to _25/10/2025_		Period Count: _1_	

PD1	Deepawali Holidays		
PD2	Deepawali Holidays		
PD3	Unit 5: Data Literacy – Data Collection to Data Analysis		

Subject coordinator

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence
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Class : XI

No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _29_ : _27/10/2025 to_01/11/2025__		Period Count: _3_	
PD1	Unit 7: Leveraging Linguistics and Computer Science		
PD2	Unit 7: Leveraging Linguistics and Computer Science		
PD3	Unit 7: Leveraging Linguistics and Computer Science		
WEEK _30_ : _03/11/2025__ to__08/11/2025__		Period Count: _3_	
PD1	Unit 6: Machine Learning Algorithms		
PD2	Unit 6: Machine Learning Algorithms		
PD3	Unit 6: Machine Learning Algorithms		
WEEK _31_ : _10/11/2025__ to__15/11/2025__		Period Count: _3_	
PD1	Unit 6: Machine Learning Algorithms		
PD2	Unit 6: Machine Learning Algorithms		
PD3	Unit 6: Machine Learning Algorithms		
WEEK _32_ : _17/11/2025__ to__22/11/2025__		Period Count: _3_	

PD1	Unit 6: Machine Learning Algorithms		
PD2	Unit 6: Machine Learning Algorithms		
PD3	Unit 6: Machine Learning Algorithms		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence

Class : _ XI _

No. of periods :

11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 33 : 24/11/2025 to 29/11/2025		Period Count: 2	
PD1	Guru Teg Bahadur Shaheedi Diwas		
PD2	Unit 6: Machine Learning Algorithms		
PD3	Unit 6: Machine Learning Algorithms		
WEEK 34 : 01/12/2025 to 06/12/2025		Period Count: 3	
PD1	Unit 8: AI Ethics and Values		
PD2	Unit 8: AI Ethics and Values		
PD3	Unit 8: AI Ethics and Values		
WEEK 35 : 08/12/2025 to 13/12/2025		Period Count: 3	
PD1	Unit 8: AI Ethics and Values		
PD2	Revision and Case studies		
PD3	Revision and Case studies		
WEEK 36 : 15/12/2025 to 20/12/2025		Period Count: 3	

PD1	Unit 8: AI Ethics and Values		
PD2	Unit 8: AI Ethics and Values		
PD3	Unit 8: AI Ethics and Values		

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence
8

Class : _XI_

No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 37 : 22/12/2025 to 27/12/2025			Period Count: 2
PD1	Periodic Test-II Revision and Case studies		
PD4	Christmas Day		
PD5	Unit 8: AI Ethics and Values		
WEEK 38 : 29/12/2025 to 03/01/2025			Period Count: 1
PD1	Revision		
PD2	Winter Vacations		
PD3	Winter Vacations		
WEEK 39 : 05/01/2025 to 10/01/2025			Period Count: 2
PD1	Winter Vacations		
PD2	Unit 3: Python Programming		
PD3	Unit 3: Python Programming		
WEEK 40 : 12/01/2025 to 17/01/2026			Period Count: 3

PD1	Unit 3: Python Programming		
PD2	Unit 3: Python Programming		
PD3	Unit 3: Python Programming		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence
__11__

Class : _XI_

No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _41_ : _19/01/2026_ to _24/01/2026_		Period Count: _3_	
PD1	Unit 3: Python Programming		
PD2	Unit 3: Python Programming		
PD3	Unit 3: Python Programming		
WEEK _42_ : _26/01/2026_ to _31/01/2026_		Period Count: _2_	
PD1	Republic Day		
PD2	Unit 3: Python Programming		
PD3	Unit 3: Python Programming		
WEEK _43_ : _02/02/2026_ to _07/02/2026_		Period Count: _3_	
PD1	Unit 3: Python Programming		
PD2	Unit 3: Python Programming		
PD3	Unit 3: Python Programming		
WEEK _44_ : _09/02/2026_ to _14/02/2026_		Period Count: _3_	

PD1	Revision and Doubt Clearing Session and Lab		
PD2	Revision and Doubt Clearing Session and Lab		
PD3	Revision and Doubt Clearing Session and Lab		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial intelligence

Class : _XI_

No. of periods :

1

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _45_ : _16/02/2026_ to _21/02/2026_			Period Count: _1_
PD1	Revision and Doubt Clearing Session and Lab		
PD2	Annual Examination		
PD3	Annual Examination		
WEEK _46_ : _23/02/2026_ to _28/02/2026_			Period Count: _0_
PD1	Annual Examination		
PD2	Annual Examination		
PD3	Annual Examination		
WEEK _47_ : _02/03/2026_ to _07/03/2026_			Period Count: _0_
PD1	Annual Examination		
PD2	Holi Holidays		
PD3	Session End		
WEEK _48_ : _09/03/2026_ to _14/03/2026_			Period Count: _0_

PD1	Session End		
PD2	Session End		
PD3	Session End		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson plan implementation report

Session: 2025 - 2026

Term :
From Date :
Subject :
Book :

Assessment :
To Date :
Class :
No. of periods :

Section	Subject Teacher	Lesson/s to be covered according to lesson plan	Status Yes/No	Reason if not completed

Remarks:

Subject coordinator:

HOD: