



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2026- 2027
Class: XII

Subject : Artificial Intelligence(843)
Book :

Subject Coordinator
Name: Ms. Richi Shrma

Sign: RSA

Head of Department
Name:Ms. Richi Sharma

Sign:RSA



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class : XII

No. of periods : 178

Month	Assessed in	Lesson/s to be covered	Period Count
April	April	Unit 1: Communication Skills-IV	25
May	May	Unit 1: Communication Skills-IV (<i>Continued...</i>) Unit 2: Self-Management Skills-IV	20
June	June	Summer Vacation Unit 2: Self-Management Skills-IV (<i>Continued...</i>)	02
July	July	Unit 3: ICT Skills-IV Unit 4: Entrepreneurial Skills-IV Unit 5: Green Skills-IV	28
August	August	SUBJECT SPECIFIC SKILLS Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project Unit 5: Introduction to Big Data and Data Analytics Unit 6: Understanding Neural Networks Unit 8: Data Storytelling	24
September	September	SUBJECT SPECIFIC SKILLS Unit 3: Making Machines See Half Yearly Examination	11
October	October	SUBJECT SPECIFIC SKILLS Unit 7: Generative AI	22

November	November	Practical Preparation Pre-Board I Case study and Revision	9
December	December	Case study and Revision Pre-Board II	12
January	January	Winter Vacation Board Practicals (Tentative) Revision	15
February	Boards	Revision Board Examination (Tentative)	10
March	Boards	Practical Preparation Pre-Board I Case study and Revision	-

Subject coordinator:

HOD :



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly Syllabus/Planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence **Class** : XII **No. of periods** : 178

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
April	Apr 02, 2026	Apr 30, 2026	Unit 1: Communication Skills-IV	25
May	May 1, 2026	May 31, 2026	Unit 1: Communication Skills-IV (<i>Continued...</i>) Unit 2: Self-Management Skills-IV	20
June	June 29, 2026	June 30, 2026	Summer Vacation Unit 2: Self-Management Skills-IV (<i>Continued...</i>)	02
July	July 1, 2026	July 31, 2026	Unit 3: ICT Skills-IV Unit 4: Entrepreneurial Skills-IV Unit 5: Green Skills-IV	28
August	Aug 1, 2026	Aug 31, 2026	SUBJECT SPECIFIC SKILLS Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project Unit 5: Introduction to Big Data and Data Analytics Unit 6: Understanding Neural Networks Unit 8: Data Storytelling	24
September	Sep 1, 2026	Sep 30, 2026	SUBJECT SPECIFIC SKILLS Unit 3: Making Machines See Half Yearly Examination	11
October	Oct 1, 2026	Oct 31, 2026	SUBJECT SPECIFIC SKILLS Unit 7: Generative AI	22

November	Nov 1, 2026	Nov 30, 2026	Practical Preparation Pre-Board I Case study and Revision	9
December	Dec 1, 2026	Dec 31, 2026	Case study and Revision Pre-Board II	12
January	Jan 8, 2027	Jan 31, 2027	Winter Vacation Board Practicals (Tentative) Revision	12
February	Feb 1, 2027	Feb 28, 2027	Revision Board Examination (Tentative)	10
March	Mar 1, 2027	Mar 31, 2027	Board Examinations	-

Subject coordinator:

HOD:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class: XII

No. of periods:

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 1: 02/04/2026 to 04/04/2026		Period Count: 1	
PD1	Unit 1: Communication Skills-IV		
PD2	GOOD FRIDAY		
PD3	SCHOOL CLOSED-SATURDAY		
WEEK 2 : 06/04/2026 to 11/04/2026		Period Count: 3	
PD1	Unit 1: Communication Skills-IV		
PD2	Unit 1: Communication Skills-IV		
PD3	Unit 1: Communication Skills-IV		
WEEK 3 : 13/04/2026 to 18/04/2026		Period Count: 3	
PD1	Unit 2: Self-Management Skills-IV 0		
PD2	Ambedkar Jayanti		
PD3	Unit 2: Self-Management Skills-IV		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence Class: XII No. of periods: 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 4 : 20/04/2026 to 25/04/2026		Period Count: 3	
PD1	Unit 3: ICT Skills-IV		
PD2	Unit 3: ICT Skills-IV		
PD3	Unit 3: ICT Skills-IV		
WEEK 5: 27/04/2026 to 02/05/2026		Period Count: 3	
PD1	Unit 3: ICT Skills-IV		
PD2	Unit 3: ICT Skills-IV		
PD3	Unit 3: ICT Skills-IV		

1/5/25 – Buddha Purnima

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject periods: : Artificial Intelligence Class: XII No. of

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 6 : 04/05/2026 to 09/05/2026		Period Count: 3	

PD1	Unit 4: Entrepreneurial Skills-IV		
PD2	Unit 4: Entrepreneurial Skills-IV		
PD3	Unit 4: Entrepreneurial Skills-IV		
12/5/25 - BUDDHA PURNIMA WEEK 7 : 11/05/2026 to 16/05/2026 Period Count: 3			
PD1	Unit 5. Green Skills		
PD2	Unit 5. Green Skills		
PD3	Unit 5. Green Skills		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence **Class:** XII **No. of periods:** 01

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 8 : 18/05/2026 to 23/05/2026 Period Count: 3			
PD1	Unit 5. Green Skills		
PD2	Holiday		
PD3	Holiday		
WEEK 9 : 25/05/2026 to 30/05/2026 Period Count: 3			

PD1	Unit 5. Green Skills		
PD2	Unit 5. Green Skills		
PD3	Bakrid holiday		
29/5/26 and 27/6/26 - SUMMER BREAK			
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 10: 01/06/2026 to 06/06/2026		Period Count: 00	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class: XII

No. of periods: 00

WEEK 11 : 08/06/2026 to 13/06/2026		Period Count: 00	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 12 : 15/06/2026 to 20/06/2026		Period Count: 00	

PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence **Class:** XII **No. of periods:** 08

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 13 : 22/06/2026 to 27/06/2026		Period Count: 2	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
PD4	SUMMER BREAK		
PD5	SUMMER BREAK		
PD6	SUMMER BREAK		
WEEK 14: 29/06/2026 to 04/07/2026		Period Count: 03	
PD1	Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project		
PD2	Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project		

PD3	Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project		
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Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence **Class:** XII **No. of periods:** 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 15: 06/07/2026 to 11/07/2026		Period Count: 3	
PD1	Unit 5: Introduction to Big Data and Data Analytics		
PD2	Unit 5: Introduction to Big Data and Data Analytics		
PD3	Unit 5: Introduction to Big Data and Data Analytics		
11/7/25 - SECOND SATURDAY			
WEEK 16: 13/07/2026 to 18/07/2026		Period Count: 3	
PD1	Unit 8: Data Storytelling		
PD2	Unit 8: Data Storytelling		
PD3	Unit 8: Data Storytelling		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject :Artificial Intelligence**Class:** XII**No. of periods:** 03

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 17: 20/07/2026 to 25/07/2026		Period Count: 03	
PD1	Unit 8: Data Storytelling		
PD2	Unit 8: Data Storytelling		
PD3	Unit 8: Data Storytelling		
WEEK 18: 28/07/2026 to 01/08/2026		Period Count: 03	
PD1	Unit-6: Understanding Neural Network		
PD2	Unit-6: Understanding Neural Network		
PD3	Unit-6: Understanding Neural Network		

Subject coordinator

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Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject :Artificial Intelligence**Class:** XII**No. of periods:** 03

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 19 : 03/08/2026 to 08/08/2026		Period Count: 03	
PD1	Unit 3: Making Machines See		
PD2	Unit 3: Making Machines See		
PD3	Unit 3: Making Machines See		

PD1	Unit 3: Making Machines See		
PD2	Unit 3: Making Machines See		
PD3	Unit 3: Making Machines See		

15/08/2026 - Independence Day



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Supervisor

Principal/V. Principal

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Weekly planning overview

Session: 2026 - 2027

Subject :Artificial Intelligence **Class:** XII **No. of periods:** 03

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 21: 17/08/2026 to 22/08/2026		Period Count: 03	
PD1	Personality Disorder		
PD2	Personality Disorder		
PD3	Personality Disorder		
WEEK 22 : 24/08/2026 to 29/08/2026		Period Count: 02	
PD1	Personality Disorder		
PD2	Personality Disorder		
PD3	Barawafat - Holiday		

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Sir Padampat Singhania Education Centre

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Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class: XII

No. of periods: 03

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 23: 31/08/2026 to 05/09/2026		Period Count: 02	
PD1	Project work		
PD2	Project work		
PD3	Holiday – Janmashtami		
WEEK 24 : 07/09/2026 to 12/09/2026		Period Count: 03	
PD1	Project work		
PD2	Project work		
PD3	Project work		



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Sir Padampat Singhania Education Centre

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Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class: XII

No. of periods: : 00

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 25 : 14/09/2026 to 19/09/2026		Period Count: 00	
PD1	Revision		

PD2	Half yearly Examination		
PD3	Half yearly Examination		
WEEK 26: 21/09/2026 to 26/09/2026		Period Count: 00	
PD1	Half yearly Examination		
PD2	Half yearly Examination		
PD3	Half yearly Examination		



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Supervisor

Principal/V. Principal

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class: XII

No. of periods: 3

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 27: 27/09/2026 to 03/10/2026		Period Count: 01	
PD1	Half yearly		
PD2	Half yearly		
PD3	Unit 7: Generative AI		
WEEK 28: 05/10/2026 to 10/10/2026		Period Count: 03	
PD1	Unit 7: Generative AI		
PD2	Unit 7: Generative AI		
PD3	Unit 7: Generative AI		



Subject coordinator

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class: XII

No. of periods: : 03

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 29 : 12/10/2026 to 17/10/2026		Period Count: 03	
PD1	Unit 7: Generative AI		
PD2	Unit 7: Generative AI		
PD3	Unit 7: Generative AI		
WEEK 30: 19/10/2026 to 24/10/2026		Period Count : 2	
PD1	Ram Navami		
PD2	Dussehra		
PD3	Unit 7: Generative AI		

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Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class : XII

No. of periods : :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 31 : 26/10/2026 to 31/10/2026		Period Count: 06	

PD1	Revision		
PD2	Revision		
PD3	Revision		
WEEK 32: 02/11/2026 to 07/11/2026		Period Count: 05	
PD1	Revision		
PD2	Revision		
PD3	Revision		

05/11/25 - Guru Nanak Jayanti

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Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence
03

Class : 12

No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 33: 09/11/2026 to 14/11/2026		Period Count: 03	
PD1	Deepawali holidays		
PD2	Deepawali holidays		
PD3	Deepawali holidays		
WEEK 34: 16/11/2026 to 21/11/2026		Period Count: 00	
PD1	PRE BOARD-1		

PD2	PRE BOARD-1		
PD3	PRE BOARD-1		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026- 2027

Subject : Artificial Intelligence

Class : 12

No. of periods : 3

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 35: 23/11/2026 to 28/11/2026		Period Count: 0	
PD1	PRE BOARD-1		
PD2	Guru Nanak Jayanti		
PD3	PRE BOARD-1		
WEEK 36: 30/12/2026 to 05/12/2026		Period Count: 02	
PD1	Preboard-1		
PD2	Revision		
PD3	Revision		

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class : XII

No. of period : 03

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 37 : 07/12/2026 to 12/12/2026		Period Count: 03	
PD1	Revision		
PD2	Revision		
PD3	Revision		
WEEK 38 : 14/12/2026 to 19/12/2026		Period Count: 03	
PD1	Revision		
PD2	Revision		
PD3	Revision		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026- 2027

Subject : Artificial Intelligence

Class : XII

No. of periods : 00

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 39 : 21/12/2026 to 26/12/2026		Period Count: 00	
PD1	PRE BOARD-2		
PD2	PRE BOARD-2		
PD3	PRE BOARD-2		

WEEK 40: 28/12/2026 to 02/01/2027		Period Count: 00	
PD1	Preboard-2		
PD2	Preboard-2		
PD3	WINTER BREAK		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence Class : XII No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 41: 04/01/2027 to 09/01/2027		Period Count: 00	
PD1	WINTER BREAK		
PD2	WINTER BREAK		
PD3	WINTER BREAK		
WEEK 42: 11/01/2027 to 16/01/2027		Period Count: 03	
PD1	Revision(chapter wise previous year questions)		
PD2	Revision(chapter wise previous year questions)		
PD3	Revision(chapter wise previous year questions)		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence Class : XII No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 43 : 18/01/2027 to 23/01/2027		Period Count: 03	
PD1	Doubt clearing session		

PD2	HOLIDAY		
PD3	Doubt clearing session		
WEEK 44 : 25/01/2027 to 30/01/2027		Period Count: 3	
PD1	Doubt clearing session		
PD2	Republic day		
PD3	Doubt clearing session		

26/1/26 - REPUBLIC DAY

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class : XII

No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 45 : 01/02/2027 to 06/02/2027		Period Count: 3	
PD1	Doubt clearing session		
PD2	Doubt clearing session		
PD3	Doubt clearing session		
WEEK 46 : 08/02/2027 to 13/02/2027		Period Count: 3	
PD1	Doubt clearing session		
PD2	Doubt clearing session		

PD3	Doubt clearing session		
WEEK 47 : 15/02/2027 to 20/02/2027		Period Count: 00	
PD1	Board Exam(Tentative)		
PD2	Board Exam(Tentative)		
PD3	Board Exam(Tentative)		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : Artificial Intelligence

Class : XII

No. of periods : 00

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 48 : 22/02/2027 to 27/02/2027		Period Count: 00	
PD1	Board Exam(Tentative)		
PD2	Board Exam(Tentative)		
PD3	Board Exam(Tentative)		
WEEK 49 : 01/03/2027 to 06/03/2027		Period Count: 00	
PD1	Board Exam(Tentative)		
PD2	Board Exam(Tentative)		
PD3	Board Exam(Tentative)		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject
00

:Artificial Intelligence

Class : XII

No. of periods : 00

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 50 : 08/03/2027 to 13/03/2027		Period Count: 00	
PD1	Board Exam(Tentative)		
PD2	Board Exam(Tentative)		
PD3	Eid-ul-fitr		
WEEK 51 : 15/03/2027 to 20/03/2027		Period Count: 00	
PD1	Board Exam(Tentative)		
PD2	Board Exam(Tentative)		
PD3	Board Exam(Tentative)		

Subject coordinator

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Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject

:Artificial Intelligence

Class : XII

No. of periods : 00

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 52 : 22/03/2027 to 27/03/2027		Period Count: 00	

PD1	Holi		
PD2	Board Exam(Tentative)		
PD3	Board Exam(Tentative)		