Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson Plan
Session 2025 - 2026
Class: XIIth

Subject   : **Artificial Intelligence**
Book   : **N.C.E.R.T.**

Subject Coordinator   **Head of Department**
Name: Richi Sharma   Name: Richi Sharma

Sign: Sign:

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning Overview
Session: 2025 - 2026

Subject   : Artificial Intelligence   **Class** : XII   No**. of periods**   : 91

Month	Assessed in	Lesson/s to be covered	Period Count
April 2025	Term I Half Yearly Exam. Pre-Board Exam.	Unit 1: Communication Skills-IV	6
May 2025	Term I Half Yearly Exam. Pre-Board Exam.	Unit 1: Communication Skills-IV *(Continued...)* Unit 2: Self-Management Skills-IV	5
	Term II Half Yearly Exam. Pre-Board Exam.		9
June 2025	Term II Half Yearly Exam. Pre-Board Exam	**Summer Vacation** Unit 2: Self-Management Skills-IV *(Continued...)*	1
July 2025	Term II Half Yearly Exam. Pre-Board Exam.	Unit 3: ICT Skills-IV Unit 4: Entrepreneurial Skills-IV Unit 5: Green Skills-IV	8 6
August 2025	Half Yearly Exam. Pre-Board Exam.	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	12
September 2025	Half Yearly Exam. Pre-Board Exam	SUBJECT SPECIFIC SKILLS Unit 3: Making Machines See **Half Yearly Examination**	5
October 2025	Pre-Board Exam.	SUBJECT SPECIFIC SKILLS Unit 7: Generative AI	3 5 3
November 2025	Pre-Board Exam.	**Practical Preparation** **Pre-Board I** Case study and Revision	3 2
December 2025	Pre-Board Exam.	Case study and Revision **Pre-Board II**	7
January 2026	Board Exam.	**Winter Vacation** **Board Practicals (Tentative)** Revision	10
February 2026	Board Exam.	Revision **Board Examination (Tentative)**	6

Subject coordinator: HOD:

Ms. Richi Sharma   Ms. Richi Sharma

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur
Monthly Syllabus/Planning Overview
Session: 2025 - 2026

Subject : Artificial Intelligence   **Class** : XII   No**. of periods** :
91

Month	Date/Week From	Date/Week To	Lesson/s to be covered in classroom	Period Count
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 *(Continued...)* Unit 2: Self-Management Skills-IV	5 9
June	June 1, 2025	June 30, 2025	**Summer Vacation** Unit 2: Self-Management Skills-IV *(Continued...)*	1
July	July 1, 2025	July 31, 2025	Unit 3: ICT Skills-IV Unit 4: Entrepreneurial Skills-IV Unit 5: Green Skills-IV	8 6
August	Aug 1, 2025	Aug 31, 2025	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	12
September	Sep 1, 2025	Sep 30, 2025	SUBJECT SPECIFIC SKILLS Unit 3: Making Machines See **Half Yearly Examination**	5
October	Oct 1, 2025	Oct 31, 2025	SUBJECT SPECIFIC SKILLS Unit 7: Generative AI	3 5 3
November	Nov 1, 2025	Nov 30, 2025	**Practical Preparation** **Pre-Board I** Case study and Revision	3 2
December	Dec 1, 2025	Dec 31, 2026	Case study and Revision **Pre-Board II**	7
January	Jan 5, 2026	Jan 31, 2026	**Winter Vacation** **Board Practicals (Tentative)** Revision	 10
February	Feb 1, 2026	Feb 28, 2026	Revision **Board Examination (Tentative)**	6

Subject coordinator: HOD:
    Ms. Richi Sharma   Ms. Richi Sharma

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview
Session: 2025 - 2026

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 _1_: __14/04/2025 ___ to___19/04/2025_			**Period Count: _2_**
PD1	Unit 1: Communication Skills-IV		
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	Practice Questions		
PD2	Practice Questions		
PD3	Practice Questions		

Subject coordinator   Supervisor   Principal/V. Principal

Sir Padampat Singhania Education Centre

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

Subject   **:** Artificial Intelligence   **Class : _XII_**   **No. of periods   :** _9_

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: __3_**	
PD1	**Periodic Test-I** Unit 2: Self-Management Skills-IV		
PD4	**Periodic Test-I** Unit 2: Self-Management Skills-IV		
PD5	**Periodic Test-I** Unit 2: Self-Management Skills-IV		
PD1	Unit 2: Self-Management Skills-IV		
PD2	Unit 2: Self-Management Skills-IV		
PD3	Unit 2: Self-Management Skills-IV		
WEEK _7_: __26/05/2025_ to__31/05/2025__		**Period Count: __3__**	
PD1	Unit 2: Self-Management Skills-IV		
PD2	Unit 2: Self-Management Skills-IV		
PD3	Unit 2: Self-Management Skills-IV		
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** : _XII__   **No. of periods**   : __4_

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 2: Self-Management Skills-IV		
WEEK _12_: __30/06/2025__ to__05/07/2025__			**Period Count: __3__**
PD1	Unit 2: Self-Management Skills-IV		

PD2	Unit 2: Self-Management Skills-IV		
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: 2025   - 2026

Subject   : Artificial Intelligence   **Class** : _XII__   **No. of periods**   : __12_

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 3: ICT Skills-IV		
PD2	Unit 3: ICT Skills-IV		
PD3	Unit 3: ICT Skills-IV		
WEEK _14_: _14/07/2025__ to__19/07/2025___			**Period Count: _3___**
PD1	Unit 4: Entrepreneurial Skills-IV		
PD2	Unit 4: Entrepreneurial Skills-IV		
PD3	**Periodic Test-II** Unit 4: Entrepreneurial Skills-IV		
WEEK _15_: __21/07/2025___ to__26/07/2025__			**Period Count: __3__**
PD1	Periodic Test-II Unit 5. Green Skills		
PD2	Periodic Test-II Unit 5. Green Skills		
PD3	Periodic Test-II Unit 5. Green Skills		
WEEK _16_: __28/07/2025___ to__02/08/2025__			**Period Count: __3__**

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
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		

Subject coordinator   Supervisor   Principal/V. Principal

Sir Padampat Singhania Education Centre

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

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 _17_: __04/08/2025__ to__09/08/2025__			**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		
WEEK _18_: __11/08/2025__ to_16/08/2025_			**Period Count: __2__**
PD1	Unit 8: Data Storytelling		
PD2	Unit 8: Data Storytelling		
PD3	**Independence Day**		
WEEK _19_: __18/08/2025__ to__23/08/2025___			**Period Count: __3__**
PD1	Unit 8: Data Storytelling		
PD2	Unit 8: Data Storytelling		
PD3	Unit 8: Data Storytelling		

WEEK _20_ : _25/08/2025__ to__30/08/2025___			**Period Count: __3__**
PD1	Unit-6: Understanding Neural Network		
PD2	Unit-6: Understanding Neural Network		
PD3	Unit-6: Understanding Neural Network		

Subject coordinator   Supervisor   Principal/V. Principal

Sir Padampat Singhania Education Centre

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

Subject   **:** Artificial Intelligence   **Class :** _XII_   **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 3: Making Machines See		
PD2	Unit 3: Making Machines See		
PD3	**Eid-Ul-Milad**		
WEEK _22_ : ___08/09/2025____ to__13/09/24__			**Period Count: _3___**
PD1	Unit 3: Making Machines See		
PD2	Unit 3: Making Machines See		
PD3	Unit 3: Making Machines See		
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 :** _XII_   **No. of periods: _8_**

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: __1__**
PD1	**Navami**		
PD2	**Dussehra & Mahatma Gandhi Jayanti**		
PD3	Unit 3: Making Machines See		
WEEK _26_: __06/10/2025__ to__11/10/2025___			**Period Count: __3__**
PD1	Unit 7: Generative AI		
PD2	Unit 7: Generative AI		
PD3	Unit 7: Generative AI		
WEEK _27_: __13/10/2025___ to__18/10/2025__			**Period Count: __3__**
PD1	Unit 7: Generative AI		
PD2	Unit 7: Generative AI		

PD3	Unit 7: Generative AI		

WEEK _28_: __20/10/2025__ to__25/10/2025___		**Period Count: __1__**	
PD1	**Deepawali Holidays**		
PD2	**Deepawali Holidays**		
PD3	Unit 7: Generative 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** : _XII_   **No. of periods**   : _6__

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	Project and Practical work		
PD2	Project and Practical work		
PD3	Project and Practical work		
WEEK _30_: __03/11/2025__ to___08/11/2025__		**Period Count: _3_**	
PD1	Project and Practical work		
PD2	Revision and Case studies		
PD3	Revision and Case studies		
WEEK _31_: __10/11/2025___ to___15/11/2025__		**Period Count: _0__**	
PD1	**Pre-Board I**		
PD2	**Pre-Board I**		

PD3	**Pre-Board I**		
WEEK _32_: __17/11/2025__ to__22/11/2025___			**Period Count: __0__**
PD1	**Pre-Board I**		
PD2	**Pre-Board I**		
PD3	**Pre-Board I**		

Subject coordinator　　　　　　　Supervisor　　　　　　　Principal/V. Principal

Sir Padampat Singhania Education Centre

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

Subject　　: Artificial Intelligence　　**Class :** _ XII __　　**No. of periods**　　:　__8_

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	Revision and Doubt Clearing Session		
PD3	Revision and Doubt Clearing Session		
WEEK _34_: __01/12/2025__ to__06/12/2025__			**Period Count: _3__**
PD1	Revision and Doubt Clearing Session		
PD2	Revision and Doubt Clearing Session		
PD3	Revision and Doubt Clearing Session		
WEEK _35_: __08/12/2025___ to___13/12/2025__			**Period Count: _3_**
PD1	Revision and Doubt Clearing Session		
PD2	Revision and Doubt Clearing Session		

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
PD3	Revision and Doubt Clearing Session		
WEEK _36_: __15/12/2025___ to__20/12/2025___		**Period Count: __0__**	
PD1	**Pre-Board II**		
PD2	**Pre-Board II**		
PD3	**Pre-Board II**		

Subject coordinator   Supervisor   Principal/V. Principal

Sir Padampat Singhania Education Centre

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

Subject   **:** Artificial Intelligence   **Class :** _XII_   **No. of periods** **:** _5_

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: _0_**	
PD1	**Pre-Board II**		
PD4	**Christmas Day**		
PD5	**Pre-Board II**		
WEEK _38_: _29/12/2025__ to__03/01/2025__		**Period Count: __1__**	
PD1	Revision and Doubt Clearing Session		
PD2	**Winter Vacations**		
PD3	**Winter Vacations**		
WEEK _39_: ___05/01/2025__ to___10/01/2025___		**Period Count: __2__**	
PD1	**Winter Vacations**		
PD2	Revision and Doubt Clearing Session		

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
PD3	Revision and Doubt Clearing Session		
WEEK _40_: __12/01/2025___ to___17/01/2026__			**Period Count: _2_**
PD1	**Makar Sankranti**		
PD2	Revision and Doubt Clearing Session		
PD3	Revision and Doubt Clearing Session		

Subject coordinator   Supervisor   Principal/V. Principal

Sir Padampat Singhania Education Centre

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

Subject   : Artificial Intelligence   **Class** : _XII_   **No. of periods**   :
__12_

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	Revision and Doubt Clearing Session		
PD2	Revision and Doubt Clearing Session		
PD3	Revision and Doubt Clearing Session		
WEEK _42_: __26/01/2026___ to___31/01/2026___			**Period Count: __3__**
PD1	Revision and Doubt Clearing Session		
PD2	Revision and Doubt Clearing Session		
PD3	Revision and Doubt Clearing Session		
WEEK _43_: ___02/02/2026___ to__07/02/2026___			**Period Count: _3__**
PD1	Revision and Doubt Clearing Session		
PD2	Revision and Doubt Clearing Session		

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
PD3	Revision and Doubt Clearing Session		
WEEK _44_ : __09/02/2026__ to_14/02/2026__			**Period Count: _3__**
PD1	Revision and Doubt Clearing Session		
PD2	Revision and Doubt Clearing Session		
PD3	Revision and Doubt Clearing Session		

Subject coordinator   Supervisor   Principal/V. Principal

Sir Padampat Singhania Education Centre

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

Subject   : Artificial Intelligence   **Class** : _XII_   **No. of periods**   : _0_

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: _0__**
PD1	**Board Examination (Tentative)**		
PD2	**Board Examination (Tentative)**		
PD3	**Board Examination (Tentative)**		
WEEK _46_: _23/02/2026____ to__28/02/2026___			**Period Count: _0_**
PD1	**Board Examination (Tentative)**		
PD2	**Board Examination (Tentative)**		
PD3	**Board Examination (Tentative)**		
WEEK _47_: __02/03/2026__ to__07/03/2026__			**Period Count: _0_**
PD1	**Holi Holidays**		
PD2	**Holi Holidays**		

PD3	**Board Examination (Tentative)**		

WEEK _48_: __09/03/2026___ to___14/03/2026___			**Period Count: _0_**
PD1	**Board Examination (Tentative)**		
PD2	**Board Examination (Tentative)**		
PD3	**Board Examination (Tentative)**		

Subject coordinator   Supervisor   Principal/V. Principal

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson plan implementation report
Session: 2025 - 2026

Term	:		**Assessment**	:
From Date	:		**To Date**	:
Subject	:		**Class**	:
Book	:		**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: