

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson Plan Session 2025 - 2026

Class: _XI_

Subject : Computer Science

Book : Computer Science by Saraswati Publication

Subject Coordinator Head of Department

Name: Vikrant Kapoor Name:

Sign: VIK Sign:

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview Session: 2025 - 2026

Month	Assessed in	Lesson/s to be covered	Period Count
April	April	Introduction to Python, Statements, Operators	
May	May	Selection statements, Introduction to Loops	
June	X	X	
July	July	Loops in Python, Strings	
August	August	List in Python	
September	September	Computer Organization	
October	October	Computer Organization	
November	November	Tuples and Dictionaries in Python	
December	December	Cyber safety and measures	
January	January	Revision	
February	February	Revision	
March	March	Final Exams	

Subject coordinator: VIK HOD: VIK



Kamla Nagar, Kanpur Monthly Syllabus/Planning overview

Session: 2025 - 2026

Subject	:	CS	Class : _XI No. of periods	:	
Manth	Date/Week		Lagger /a to be consered in alcomount	Period	
Month	From	To	Lesson/s to be covered in classroom	Count	
April	Apr 16, 2025	Apr 30, 2025	Introduction to Python, Statements, Operators		
May	May 1, 2025	May 31, 2025	Selection statements, Introduction to Loops		
June	June 26, 2025	June 30, 2025	X		
July	July 1, 2025	July 31, 2025	Loops in Python, Strings		
August	Aug 1, 2025	Aug 31, 2025	List in Python		
September	Sep 1, 2025	Sep 30, 2025	Computer Organization		
October	Oct 1, 2025	Oct 31, 2025	Computer Organization		
November	Nov 1, 2025	Nov 30, 2025	Tuples and Dictionaries in Python		
December	Dec 1, 2025	Dec 31, 2025	Cyber safety and measures		
January	Jan 5, 2026	Jan 31, 2026	Revision		
February	Feb 1, 2026	Feb 28, 2026	Revision		
March	Mar 1, 2026	Mar 31, 2026	Final Exams		

HOD: VIK

Subject coordinator: VIK

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025: - 2026
Subject : Subject ____CS___ Class : _XI___ No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _	1_: _16/04/2025to19/04/2025		Period Count:
PD1	Introduction to Python		
PD2	Introduction to Python		
PD3	Introduction to Python		
PD4	Introduction to Python		
PD5	Introduction to Python		
PD6	Introduction to Python		
WEI	EK _2_: _21/04/2025_ to_26/04/2025_	Pe	riod Count:
PD1	Introduction to Python		
PD2	Introduction to Python		
PD3	Introduction to Python		
PD4	Statements and Operators		
PD5	Statements and Operators		
PD6	Statements and Operators		

Subject coordinator

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK	C_3_: _27/04/2025_to_03/05/2025_	Pe	riod Count:
PD1	Statements and Operators		
PD2	Statements and Operators		
PD3	Statements and Operators		
PD4	Statements and Operators		
PD5	Statements and Operators		
PD6	Selection statements		
WEEK _	4_: _05/05/2025_to_09/05/2025_	I	Period Count:
1			
PD1	Selection statements		
PD1 PD2	Selection statements Selection statements		
PD2	Selection statements		
PD2	Selection statements Selection statements		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

ubject	:CS	No. of periods :	
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEE	K _5_: _10/05/2025_ to_17/05/2025_	Pe	riod Count:
PD1	Selection statements		
PD2	Selection statements		
PD3	HOLIDAY		
PD4	Selection statements		
PD5	Selection statements		
PD6	Selection statements		
WEEK	_6_: _19/05/2025_to_24/05/2025_	P	eriod Count:
PD1	Selection statements		
PD2	Selection statements		
PD3	Selection statements		
PD4	Selection statements		
PD5	Selection statements		
PD6	Selection statements		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

lomework P	Status (Yes/No) (Reason if No) eriod Count:
P	eriod Count:
Per	riod Count:
	Per

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

ubject	:CS Class : _X		Status (Yes/No)
Period	Topic/s to be covered in classroom	Homework	(Reason if No)
WEEK _9_: _09/06/2025_to14/06/2025			Period Count:
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
PD4	SUMMER BREAK		
PD5	SUMMER BREAK		
PD6	SUMMER BREAK		
WEEK _1	0_: _16/06/2025_to21/06/2025_		Period Count:
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
PD4	SUMMER BREAK		
PD5	SUMMER BREAK		
J			

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _11	L: _23/06/2025_to28/06/2025_		Period Count:
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
PD4	Introduction to loop		
PD5	Introduction to loop		
PD6	Introduction to loop		
WEEK _1	2_: _30/06/2025_to_05/07/2025_		Period Count:
PD1	Introduction to loop		
PD2	Introduction to loop		
PD3	Introduction to loop		
PD4	Introduction to loop		
ĺ	Introduction to loop		
PD5			

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

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:
PD1	Introduction to loop		
PD2	Introduction to loop		
PD3	Introduction to loop		
PD4	Introduction to loop		
PD5	Strings in Python		
PD6	Strings in Python		
WEEK _14	·_: _14/07/2025_to_19/07/2025		Period Count:
PD1	Strings in Python		
PD1 PD2	Strings in Python Strings in Python		
PD2	Strings in Python		
PD2 PD3	Strings in Python Strings in Python		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _15_	: _21/07/2025to_26/07/2025_		Period Count:
PD1	Strings in Python		
PD2	Strings in Python		
PD3	Strings in Python		
PD4	Strings in Python		
PD5	Strings in Python		
PD6	List in Python		
WEEK _16_	: _28/07/2025to_02/08/2025_		Period Count:
	List in Python		
PD1			
PD1 PD2	List in Python		
PD2	List in Python		
PD2 PD3	List in Python List in Python		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : _CS		_ Class : _XI_	No. of periods :	
Period	Topic/s to be co	overed in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK .	_17_: _04/08/2025_to_09/	/08/2025_	Period Count:	
PD1	List	n Python		
PD2	List	in Python		
PD3	List	n Python		
PD4	List	n Python		
PD5	List	n Python		
PD6	НС	DLIDAY		
WEEK	_18_: _11/08/2025_to_16	/08/2025_	F	Period Count:
PD1	Compute	r Organization		
PD2	Compute	r Organization		
PD3	Compute	r Organization		
PD4	Compute	r Organization		
PD5	Н	DLIDAY		
PD6	Н	DLIDAY		

Supervisor



Subject

Subject coordinator

CS

Sir Padampat Singhania Education Centre

No. of periods

Principal/V. Principal

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026 **Class:** _XI_

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _19	_: _18/08/2025_to_23/08/2025	Period Count:	
PD1	Computer Organization		
PD2	Computer Organization		
PD3	Computer Organization		
PD4	Computer Organization		
PD5	Computer Organization		
PD6	Computer Organization		
WEEK _20	D_: _25/08/2025_to_30/08/2025	,	Period Count:
PD1	Computer Organization		
PD2	Computer Organization		
PD3	Computer Organization		
PD4	Computer Organization		
PD5	Computer Organization		
PD6	Computer Organization		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject	:CS	CS		No. of periods :	
Period	Topic/s to be covered	in classroom	Homework	Status (Yes/No) (Reason if No)	
WEEK	_21_: _01/09/2025_to_06/09/20	25_	I	Period Count:	
PD1	Computer Organi	zation			
PD2	Computer Organi	zation			
PD3	Computer Organi	zation			
PD4	Computer Organi	zation			
PD5	HOLIDAY				
PD6	Computer Organi	zation			
WEEK _	22_:08/09/2025to_1	13/09/23_		Period Count:	
PD1	Computer Organi	zation			
PD2	Computer Organi	zation			
PD3	Computer Organi	zation			
PD4	HOLIDAY				
PD5	Computer Organi	zation			
PD6	Computer Organi	zation			

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject	:CS	Class:_XI_	No. of pe	eriods :
Period	Topic/s to be cov	ered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _2	3_: _15/09/2025to	<u>2</u> 0/09/2025		Period Count:
PD1	Tuples i	n Python		
PD2	Tuples i	n Python		
PD3	Tuples i	n Python		
PD4	HOL	IDAY		
PD5	Tuples i	n Python		
PD6	Tuples i	n Python		
WEEK _2	4_:22/09/2025to	o27/09/2025		Period Count:
PD1	Tuples i	n Python		
PD2	Tuples i	n Python		
PD3	Tuples i	n Python		
PD4	Tuples i	n Python		
PD5	Tuples i	n Python		
PD6	Tuples i	n Python		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject	:CS	No. of periods :
Period	Topic/s to be covered in classroom	Homework Status (Yes/No) (Reason if No)
WEEK	_25_: _29/09/2025to04/10/2025_	Period Count:
PD1	Tuples in Python	
PD2	HOLIDAY	
PD3	HOLIDAY	
PD4	HOLIDAY	
PD5	Tuples in Python	
PD6	Tuples in Python	
WEEK	_26_: _06/10/2025_to_11/10/2025	Period Count:
PD1	Tuples in Python	
PD2	Tuples in Python	
PD3	Tuples in Python	
PD4	Tuples in Python	
PD5	Tuples in Python	
PD6	Tuples in Python	

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject	:_CS	No. or pe	rious :
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _2	27_: _13/10/2025to_18/10/2025_		Period Count:
PD1	HOLIDAY		
PD2	Tuples in Python		
PD3	Tuples in Python		
PD4	Tuples in Python		
PD5	Tuples in Python		
PD6	Tuples in Python		
WEEK _2	28_: _20/10/2025_to_25/10/2025		Period Count:
PD1	HOLIDAY		
PD2	HOLIDAY		
PD3	HOLIDAY		
PD4	HOLIDAY		
PD5	Tuples in Python		
PD6	Tuples in Python		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject	:CS		eriods :	
Period	Topic/s to be cover	ed in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK .	_29_: _27/10/2025_ to_01/11/	Z2025	I	Period Count:
PD1	Dictionary in	Python		
PD2	Dictionary in	Python		
PD3	Dictionary in	Python		
PD4	Dictionary in	Python		
PD5	HOLID.	AY		
PD6	Dictionary in	Python		
WEEK _3	30_: _03/11/2025_to	_08/11/2025_		Period Count:
PD1	HOLID	AY		
PD2	HOLID	AY		
PD3	Dictionary in	Python		
PD4	Dictionary in	Python		
PD5	Dictionary in	Python		
PD6	Dictionary in	Python		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026 **Class :** XI

Subject	:CS	No. of pe	eriods :
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _31	_: _10/11/2025to15/11/2025_		Period Count:
PD1	Dictionary in Python		
PD2	Dictionary in Python		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	Dictionary in Python		
PD6	Dictionary in Python		
WEEK _3	2_: _17/11/2025_to_22/11/2025	1	Period Count:
PD1	Dictionary in Python		
PD2	Dictionary in Python		
PD3	HOLIDAY		
PD3	HOLIDAY Dictionary in Python		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

ubject	:C5	No. of pe	erioas :
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _3	3_: _24/11/2025to_29/11/2025		Period Count:
PD1	HOLIDAY		
PD2	HOLIDAY		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	Dictionary in Python		
PD6	Dictionary in Python		
WEEK _	.34_: _01/12/2025_to_06/12/2025_		Period Count:
PD1	Dictionary in Python		
PD2	Dictionary in Python		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	HOLIDAY		
PD6	Dictionary in Python		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026 Class : XI

ubject :CS Class : _XI_ No. of per		riods :	
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _3	5_: _08/12/2025to13/12/2025_		Period Count:
PD1	HOLIDAY		
PD2	Dictionary in Python		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	Dictionary in Python		
PD6	Dictionary in Python		
WEEK _3	6_: _15/12/2025to_20/12/2025		Period Count:
WEEK _3	6_: _15/12/2025to_20/12/2025 Cyber Security and Measures		Period Count:
			Period Count:
PD1	Cyber Security and Measures		Period Count:
PD1 PD2	Cyber Security and Measures Cyber Security and Measures		Period Count:
PD1 PD2 PD3	Cyber Security and Measures Cyber Security and Measures Cyber Security and Measures		Period Count:

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject	ubject :CS Class		No. of pe	riods :
Period	Topic/s to be covered in c	lassroom	Homework	Status (Yes/No) (Reason if No)
WEEK _3'	7_: _22/12/2025to_27/12/2	025		Period Count:
PD1	Cyber Security and Meas	ures		
PD2	Cyber Security and Meas	ures		
PD3	Cyber Security and Meas	ures		
PD4	HOLIDAY			
PD5	Cyber Security and Meas	ures		
PD6	Cyber Security and Meas	ures		
WEEK _	38_: _29/12/2025_to_03/01/2026		1	Period Count:
PD1	Cyber Security and Meas	ures		
PD2	Cyber Security and Meas	ures		
PD3	HOLIDAY			
PD4	HOLIDAY			
PD5	HOLIDAY			
PD6	HOLIDAY			

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject	:CS	No. of pe	eriods :
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _	39_:05/01/2026_to10/01/2026		Period Count:
PD1	Revision – Loops		
PD2	Revision – Loops		
PD3	Revision – Loops		
PD4	Revision – Loops		
PD5	Revision – Loops		
PD6	Revision – Loops		
WEEK ₋	.40_: _12/01/2026to17/01/2026_		Period Count:
PD1	Revision – Loops		
PD2	Revision – Loops		
PD3	HOLIDAY		
PD4	Revision – Loops		
PD5	Revision – Loops		
PD6	Revision – Loops		
		•	•

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject :CS		No. of pe	No. of periods :	
Period	Topic/s to be co	vered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _	41_: _19/01/2026_to_24/0	1/2026		Period Count:
PD1	Revisio	n – Loops		
PD2	НОІ	LIDAY		
PD3	Revisi	on – List		
PD4	Revisi	on – List		
PD5	Revisi	on – List		
PD6	Revisi	on – List		
WEEK _42	:_:_26/01/2026t	o31/01/2026		Period Count:
PD1	Revisi	on – List		
PD2	НОІ	LIDAY		
PD3	Revisi	on – List		
PD4	Revisi	on – List		
PD5	Revisi	on – List		
PD6	Revisi	on – List		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

ubject	:CS	No. of pe	erioas :
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _	43_:02/02/2026to_07/02/2026		Period Count:
PD1	Revision – List		
PD2	HOLIDAY		
PD3	HOLIDAY		
PD4	HOLIDAY		
PD5	Revision – List		
PD6	Revision – List		
WEE		1	Period Count:
PD1	Revision – List		
PD2	Revision – List		
PD3	Revision – List		
PD4	Revision – List		
PD5	Revision – List		
	Revision – List		

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject :CS		Class:_XI_	No. of periods :		
Period	Topic/s to be co	overed in classroom	Homework	Status (Yes/No) (Reason if No)	
WEEK .	_45_: _16/02/2026_to_21,	/02/2026_		Period Count:	
PD1	Revi	sion – List			
PD2	Revi	sion – List			
PD3	Revi	sion – List			
PD4	Practice Te	est and Revision			
PD5	Practice Te	est and Revision			
PD6	Practice Te	est and Revision			
WEEK _4	46_: _23/02/2026	_to_28/02/2026		Period Count:	
PD1	Revision – T	uples Dictionary			
PD2	Revision – T	'uples Dictionary			
PD3	Н	DLIDAY			
PD4	Practice Te	est and Revision			
PD5	Practice Te	est and Revision			
PD6	Practice Te	est and Revision			

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026 Class : XI

ubject	:CS Class : _XI_	No. of periods :		
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)	
WEEK _47_: _02/03/2026_to_07/03/2026_			Period Count:	
PD1	Practice Test and Revision			
PD2	Practice Test and Revision			
PD3	Practice Test and Revision			
PD4	Practice Test and Revision			
PD5	Examination			
PD6	HOLIDAY			
WEEK _4	8_: _09/03/2026to14/03/2026		Period Count:	
PD1	Examination			
PD2	Examination			
PD3	Examination			
PD4	Examination			
PD4	Examination Examination			

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

ubject	:CS Class : _XI_	No. of pe	No. of periods :		
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)		
WEEK _4	9_: _16/03/2026to_21/03/2026_		Period Count:		
PD1	Examination				
PD2	Examination				
PD3	Examination				
PD4	Examination				
PD5	Examination				
PD6	HOLIDAY				
WEEK _5	0_: _23/03/2026to_28/03/2026_		Period Count:		
PD1	Examination				
PD2	Examination				
PD3	Examination				
P.D. 4	HOLIDAY				
PD4					
PD4	Examination				

Supervisor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

ubject	:CS	No. of periods :		
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)	
WEEK	_51_: _30/03/2026to_04/04/2026_	Period Count:		
PD1	Examination			
PD2	Examination			
PD3	XXX			
PD4	XXX			
PD5	XXX			
PD6	XXX			
,				

Supervisor



Sir Padampat Singhania Education Centre,

Kamla Nagar, Kanpur

Book : Computer Science Class : XI

Publication : Saraswati Session: 2025 - 2026

Lesson : Loops Subject: CS

Lesson Plan

Ques 1. What are the types of loops in Python?

Ans. for , while are the two types of loops in python

(Ref.: Page 18)

Ques 2. What are the parts of loops?

Ans. There are 4 parts of loops . initialization of a variable , condition , body of a loop , increment / decrement

(Ref.: Page 18)

Ques 3. What is the use of the break statement?

Ans. it is used to stop the execution of the loop . it can be used in while and for

(Ref.: Page 18)

Note: This lesson contains one worksheets.



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

Subject coordinator: HOD:

<u>Remarks:</u>