



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan

Session 2021- 2022

Class: XI- B, D, F, H

Subject :Computer Science (083)

Book: NCERT

Subject Coordinator Name : Amit Saxena

Head of Department

Name :Amit Saxena

Sign:

Sign:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2021- 2022

Subject : Computer Science (083)

Class : XI

No. of periods : 143

Month	Assessed in	Lesson/s to be covered	Period Count
May	Term I Half Yearly Annual Exam	Computer System Number System (Intro)	09
June		Summer vacation	00
July	Half Yearly Annual Exam	Encoding Scheme and Number System Getting Started with Python Flow of Control	22
August	Half Yearly Annual Exam	Flow of Control Function	22
September	Half Yearly Annual Exam	Function Societal Impact	16
October	Half Yearly Annual Exam	String Revision	13
November	Term II Annual Exam	Emerging Trends List	14
December	Annual Exam	List Tuples and Dictionaries	13
January	Annual Exam	Introduction to Problem Solving Revision	17
February	Annual Exam	Revision Annual Examination	13

Subject coordinator:
Amit Saxena

HOD: Amit Saxena



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly Syllabus/Planning overview

Session: 2021 - 2022

Subject : Computer Science (083)

Class : XI

No. of periods: 139

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
May	17 st May	22 nd May	Computer System	05
	24 th May	29 th May	Computer System Number System Intro	04
June	1 st June	30 th June	Summer vacation	00
July	1 st July	3 rd July	Encoding Scheme and Number System	02
	5 th July	10 th July	Encoding Scheme and Number System	05
	12 th July	17 st July	Getting Started with Python	05
	19 th July	24 th Ju	Getting Started with Python	05
	26 th July	31 st July	Flow of Controls (Intro)	05
August	2 nd August	7 th August	Flow of Controls	05
	9 th August	14 th August	Flow of Controls Function (Intro) Second Saturday – 14 th August Independence Day (August 15)	05
	16 th August	21 st August	Function (Raksha bandhan (August 22 nd))	05
	23 rd August	28 th August	Function	05
	30 th August	04 st September	Revision Unit Test -1	02
September	6 th Sept	11 th Sept	Unit Test -1 Functions (Contd)	02
	13 th Sept	18 th Sept	Function	05

	20 th Sept	25 th Sept	Societal Impact	05
	27 th Sept	02 nd Oct	Societal Impact Gandhi Jayanti	04
October	4 th Oct	9 th Oct	String Second Saturday – October 9	05
	11 th Oct	16 th Oct	String Dussehra holidays (14 th and 15 th October)	03
	18 th Oct	23 rd Oct	String Revision	05
	25 th Oct	30 th Oct	Half Yearly	0
November	1 st Nov	6 th Nov	Half Yearly	0
	8 th Nov	13 th Nov	Half Yearly	0
	15 th Nov	20 th Nov	Emerging Trends	04
	22 nd Nov	27 th Nov	List	05
	29 th Nov	4 th Dec	List	05
December	6 th Dec	11 th Dec	Tuples and Dictionaries	04
	13 th Dec	18 th Dec	Unit Test - 2	00
	20 th Dec	25 nd Dec	Tuples and Dictionaries Christmas Day	05
	27 th Dec	01 st Jan	Tuples and Dictionaries Winter break	04
January	03 rd Jan	8 th Jan	Winter break	-
	10 th Jan	15 th Jan	Introduction to Problem Solving Makar Sankranti (Jan 14 th)	04
	17 th Jan	22 nd Jan	Introduction to Problem Solving	05
	24 th Jan	29 th Jan	Revision Republic day (Jan 26)	04
	31 st Jan	Feb 5 th	Revision	04
February	07 th Feb	12 th Feb	Revision Second Saturday-12 th Feb	05
	14 th Feb	19 th Feb	Revision	05
	21 th Feb	26 th Feb	Revision Annual Examination	03
	28 th Feb	05 th Mar	Annual Examination	00

March	07 th Mar	09 th Mar	Annual Examination	00
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Subject coordinator:
Amit Saxena

HOD: Amit Saxena



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2021 - 2022

Subject : Computer Science

Class :11

No. of periods : 139

WEEK 1:17/05- 22/05		Period Count: 5	
PD1	Computer System		
PD2	Computer System		
PD3	Computer System		
PD4	Computer System		
PD5	Computer System		
Note:			

WEEK 2: 24/05-29/05		Period Count: 4	
PD1	Computer System		
PD2	Number System (Intro)		
PD3	Buddha Purnima (26 th May)		
PD4	Number System (Intro)		
Note:			

WEEK 3: 01/07-03/07		Period Count: 2	
PD1	Encoding Scheme and Number System		

PD2	Encoding Scheme and Number System		
Note:			

WEEK 4: 05/07-10/07		Period Count: 5	
PD1	Encoding Scheme and Number System		
PD2	Encoding Scheme and Number System		
PD3	Encoding Scheme and Number System		
PD4	Encoding Scheme and Number System		
PD5	Encoding Scheme and Number System		
Note:			

WEEK 5: 12/07 - 17/07		Period Count: 5	
PD1	Getting Started with Python		
PD2	Getting Started with Python		
PD3	Getting Started with Python		
PD4	Getting Started with Python		
PD5	Getting Started with Python		
Note:			

WEEK 6: 19/07-24/07		Period Count: 5	
PD1	Getting Started with Python		
PD2	Getting Started with Python		
PD3	Getting Started with Python		

PD4	Flow of Controls		
PD5	Flow of Controls		
Note:			

WEEK 7: 26/07-31/07		Period Count: 5	
PD1	Flow of Controls		
PD2	Flow of Controls		
PD3	Flow of Controls		
PD4	Flow of Controls		
PD5	Flow of Controls		
Note:			

WEEK 8: 02/08-07/08		Period Count: 5	
PD1	Flow of Controls		
PD2	Flow of Controls		
PD3	Flow of Controls		
PD4	Flow of Controls		
PD5	Flow of Controls		
Note:			

WEEK 9: 09/08-14/08		Period Count: 5	
PD1	Flow of Controls		
PD2	Flow of Controls		
PD3	Functions		

PD4	Functions		
PD5	Functions		
Note:			

WEEK 10: 16/08-21/08		Period Count: 5	
PD1	Functions		
PD2	Functions		
PD3	Functions		
PD4	Functions		
PD5	Functions		
Note:			

WEEK 11: 23/08-28/08		Period Count: 5	
PD1	Functions		
PD2	Functions		
PD3	Functions		
PD4	Functions		
PD5	Functions		
Note:			

WEEK12: 30/08-4/09		Period Count: 2	
PD1	Revision		
PD2	Revision		

PD3	Unit Test - 1		
PD4	Unit Test -1		
PD5	Unit Test -1		

Note:

WEEK13: 6/09-11/09

Period Count: 2

PD1	Unit Test -1		
PD2	Unit Test -1		
PD3	Unit Test -1		
PD4	Functions		
PD5	Functions		

Note:

WEEK 14: 13/09-18/09

Period Count: 5

PD1	Functions		
PD2	Functions		
PD3	Functions		
PD4	Functions		
PD5	Functions		

Note:

WEEK 15: 20/09-25/09

Period Count: 5

PD1	Societal Impact		
PD2	Societal Impact		
PD3	Societal Impact		

PD4	Societal Impact		
PD5	Societal Impact		

Note:

WEEK 16: 27/09-02/10

Period Count: 4

PD1	Societal Impact		
PD2	Societal Impact		
PD3	Societal Impact		
PD4	Societal Impact		
PD5	Gandhi Jayanti		

Note:

WEEK 17: 04/10-09/10

Period Count: 5

PD1	String		
PD	String		
PD3	String		
PD4	String		
PD5	String		

Note:

WEEK 18 :11/10-16/10

Period Count: 4

PD1	String		
PD2	String		

PD3	String		
PD4	Dusshera holidays (14 th and 15 th October)		
PD5	Dusshera holidays (14 th and 15 th October)		
Note:			

WEEK 19:18/10-23/10		Period Count: 5	
PD1	String		
PD2	String		
PD3	String		
PD4	Revision		
PD5	Revision		
Note:			

WEEK 25: 25/10-30/10		Period Count: 0	
PD1	Half Yearly		
PD2	Half Yearly		
PD3	Half Yearly		
PD4	Half Yearly		
PD5	Half Yearly		
Note:			

WEEK 20: 01/11-06/11		Period Count: 0	
PD1	Half Yearly		

PD2	Half Yearly		
PD3	Half Yearly		
PD4	Half Yearly		
PD5	Half Yearly		
Note:			

WEEK 21: 8/11-13/11		Period Count: 0	
PD1	Half Yearly		
PD2	Half Yearly		
PD3	Half Yearly		
PD4	Half Yearly		
PD5	Half Yearly		
Note:			

WEEK 22 :15/11-20/11		Period Count: 5	
PD1	Question Paper Discussion		
PD2	Emerging Trends		
PD3	Emerging Trends		
PD4	Emerging Trends		
PD5	Emerging Trends		
WEEK 23 : 22/11-27/11		Period Count: 5	
PD1	List		

PD2	List		
PD3	List		
PD4	List		
PD5	List		

WEEK 24 :29/11-04/12		Period Count: 5	
PD	List		
PD2	List		
PD3	List		
PD4	List		
PD5	List		
Note:			

WEEK 25: 06/12 - 11/12		Period Count: 5	
PD1	Tuples and Dictionaries		
PD2	Tuples and Dictionaries		
PD3	Tuples and Dictionaries		
PD4	Tuples and Dictionaries		
PD5	Tuples and Dictionaries		
Note:			

WEEK 26: 13/12 – 18/12		Period Count: 6	
PD1	Unit Test - 2		
PD2	Unit Test - 2		
PD3	Unit Test - 2		
PD4	Unit Test - 2		
PD5	Unit Test - 2		
Note:			

WEEK 27: 20/12 – 25/12		Period Count: 4	
PD1	Unit Test - 2		
PD2	Tuples and Dictionaries		
PD3	Tuples and Dictionaries		
PD4	Tuples and Dictionaries		
PD5	Tuples and Dictionaries		
Note:			

WEEK 28: 27/12 – 01/01		Period Count: 4	
PD1	Tuples and Dictionaries		
PD2	Tuples and Dictionaries		
PD3	Tuples and Dictionaries		
PD4	Tuples and Dictionaries		
PD5	Winter break		

Note:

WEEK 29 :03/01/22-08/01/22

Period Count: 0

PD1	Winter break		
PD2	Winter break		
PD3	Winter break		
PD4	Winter break		
PD5	Winter break		

Note:

WEEK 30: 10/01 - 15/01

Period Count: 4

PD1	Tuples and Dictionaries		
PD2	Tuples and Dictionaries		
PD3	Introduction to Problem Solving		
PD4	Introduction to Problem Solving		
PD5	Makar Sankranti (Jan 14 th)		

Note:

WEEK 31: 17/01 - 22/01

Period Count: 5

PD1	Introduction to Problem Solving		
PD2	Introduction to Problem Solving		
PD3	Introduction to Problem Solving		
PD4	Introduction to Problem Solving		

PD5	Introduction to Problem Solving		
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Note:

WEEK 32: 24/1 – 29/1

Period Count: 4

Revision		
Revision		
Republic day (Jan 26)		
Revision		
Revision		

WEEK 33: 31/01 – 05/02

Period Count: 5

PD1	Revision		
PD2	Revision		
PD3	Revision		
PD4	Revision		
PD5	Revision		

Note:

WEEK 34: 07/02 – 12/02

Period Count: 5

PD1	Revision		
PD2	Revision		
PD3	Revision		
PD4	Revision		

PD5	Revision		
Note:			

WEEK 35: 14/02 – 19/02		Period Count: 5	
PD1	Revision		
PD2	Revision		
PD3	Revision		
PD4	Revision		
PD5	Revision		
Note:			

WEEK 36: 21/02 – 26/02		Period Count: 3	
PD1	Revision		
PD2	Revision		
PD3	Revision		
PD4	Annual Examination		
PD5	Annual Examination		
Note:			

WEEK 37: 28/02 – 05/03		Period Count: 0	
PD1	Annual Examination		
PD2	Annual Examination		
PD3	Annual Examination		
PD4	Annual Examination		

PD5	Annual Examination		
Note:			

WEEK 38: 7/03 - 09/03		Period Count: 0	
PD1	Annual Examination		
PD2	Annual Examination		
PD3	Annual Examination		
Note:			

Subjectcoordinator :

Supervisor

Principal/V. Principal