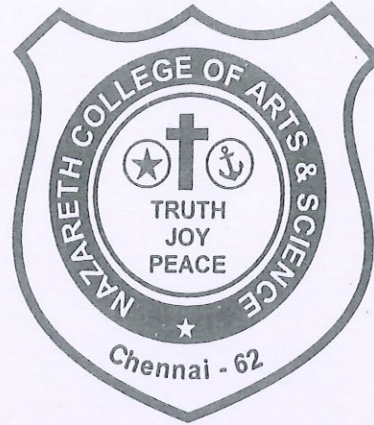


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Phone : 044 - 26380549, 6381882829, 9159288068

Website : [www.ncas.in](http://www.ncas.in)

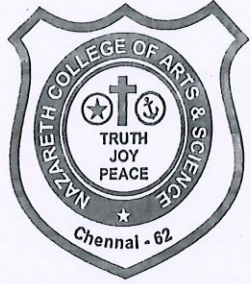
Email : [info@ncas.in](mailto:info@ncas.in)

## LESSON PLAN



*[Signature]*  
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Email : [info@ncas.in](mailto:info@ncas.in)

## LESSON PLAN

Name of the Faculty : RADIGA.S.V

Course Planned : WEB TECHNOLOGY  
LAB

Academic Year : 2021-2022 EVEN

Signature of the Principal



*[Handwritten Signature]*  
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# SEMESTER PLAN & OBJECTIVES

Name of the Teacher: RASIGA.S.V

Department : COMPUTER SCIENCE

Course: WEB TECHNOLOGY LAB Class: II B.Sc(CS)

## Course Objective

1. The objective of this course are to have a Practical understanding about how to write PHP code to solve Problems.
2. Display and insert data using PHP and MySQL.
3. Test, debug and deploy Web pages containing PHP and MySQL.
4. To develop simple application using PHP and MySQL.

Class Strength : 68

Entry Level Behavior of Students :

Marks : 10

Students Present: 58

Below 40%

Between 40% - 50% 9

Above 55% 49

Absent : 10

Planned Remedial measures for slow - Learner : write the programme repeatedly

Planned Remedial Measures for High - Achievers : out of syllabus programs given to explain

Portion for Test 1: First 4 programs (1-4)

Portion of Test 2: Next 4 programs (5-8)

Date of Quiz 1: 2/4/2022

Date for Quiz 2: 5/5/2022

Assignment ( Starting Date) : -

Seminar (Starting Date) : -

Signature of Dean of Academics

Signature of HOD

Signature of Course Instructor



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Course Name : WEB TECHNOLOGY LAB **SEMESTER PLAN**

Course Code : SE24A

Class : II B.Sc CS

Credit :

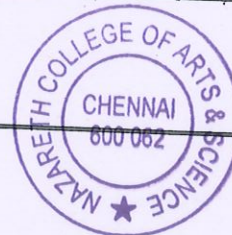
S.No.	Month	Unit	Topics Planned to Cover	Remarks
1.	March	EX-1	Write a PHP Program which adds up rows & columns	
		EX-2	Write a PHP Program to compute sum of n prime no.	
		EX-2	Write a PHP Program to find valid an email address.	
		EX-4	Write a PHP Program to convert words to digits	
		EX-5	Write a Script to delay the program execution for the given number of seconds.	
2.	April	EX-6	Write a PHP Script, which changes the color of first character of the word.	
		EX-7	Write a PHP Program to find multiplication table of a number.	
		EX-8	Write a PHP Program to calculate Factorial of a number.	
		EX-9	Write a PHP Script to read a file, reverse its contents and write result to new file.	

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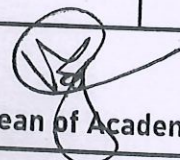
Signature of Course Instructor

Principal

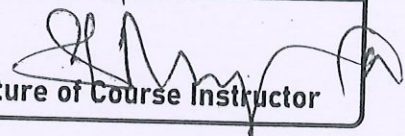


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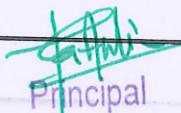
S.No.	Month	Unit	Topics Planned to Cover	Remarks
		EX-10	Write a PHP script to look through the current directory and rename all the files with .txt extension to .xtx.	
3.	May	EX-11	Write a PHP script to read the current directory and return a file list sorted by last modification time.	
		EX-12	Write a PHP code to create a student mark sheet table. Insert, delete and modify records.	
		EX-13	From a XML document, write a program to retrieve and print all the e-mail addresses from the document using XML.	
		EX-14	From a XML document, suggest three different ways to retrieve the text value 'John' using the DOM.	
		EX-15	Write a program that connects to a MySQL database and retrieves the content of any one of its table as an XML file. use DOM.	

  
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# WEEKLY PLAN

S.No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
1.	February	IV	28/2/2022 (Monday)	National Science Day - Webinar		
2.	March	I	1/3/2022 (Tuesday)	Given Introduction to PHP Programming	chalk & talk	completed
			2/3/2022 (Wednesday)	Basics of PHP programming concepts discussed.	chalk & talk	completed
			3/3/2022 (Thursday)	PHP Programming syllabus given	chalk & talk	completed
			4/3/2022 (Friday)	Given Basic Programmes to write	chalk & talk	completed
			5/3/2022 (Saturday)	Programme given to write using variables.	chalk & talk	completed
			7/3/2022 (Monday)	Programme given related to operators concept to write.	chalk & talk	completed
3.	March	II	8/3/2022 (Tuesday)	Programme given on data types to write	chalk & talk	completed
			9/3/2022 (Wednesday)	Programme using constants given to write	chalk & talk	completed

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# WEEKLY PLAN

S.No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
			10/3/2022 (Thursday)	Program using simple conditional statements given to write.	chalk & talk	completed
			11/3/2022 (Friday)	Program using advanced conditional statements given to write	chalk & talk	completed
4.	March	III	14/3/2022 (Monday)	Came to lab first day and Execution Proofs Explained	Projector	completed
			15/3/2022 (Tuesday)	Basic programs Executed and outputs verified.	Projector	completed
			16/3/2022 (Wednesday)	Basic programs with operators Executed and output verified.	Projector	completed
			17/3/2022 (Thursday)	Basic programs with datatypes Executed and output verified	PPT	completed
			18/3/2022 (Friday)	Sample HINI programs with Basic tags executed	PPT	completed
5.	March	IV	21/3/2022 (Monday)	Sample HINI programs with advanced tags executed	PPT	completed
			22/3/2022 (Tuesday)	Basic programs with simple conditional statements Executed	PPT	completed

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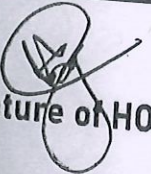


  
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# WEEKLY PLAN

S.No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
			23/3/2022 (Wednesday)	Basic Programs with advanced conditional statements executed		
			24/3/2022 (Thursday)	Basic Programs with looping statements executed	PPT	completed
			25/3/2022 (Friday)	Basic Program with switch case executed	PPT	completed
5.	March	V	28/3/2022 (Monday)	Exercise 1 - Programs adds up col and row Explained	PPT	completed
			29/3/2022 (Tuesday)	Exercise 1 - Programs adds up col and row Executed	PPT	completed
			30/3/2022 (Wednesday)	Exercise 2 - Program to compute sum of first n given Prime numbers	Lab	completed
			31/3/2022 (Thursday)	Ex:2 - programs to compute sum of first n given prime numbers executed	PPT	completed
6.	April	I	01/04/2022 (Friday)	Ex 3 - program to find valid an email id or address explained	Lab	completed
7.	April	II	04/04/2022 (Monday)	Ex.3 - program to find valid an email id or address executed	PPT	completed
					Lab	completed

  
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# WEEKLY PLAN

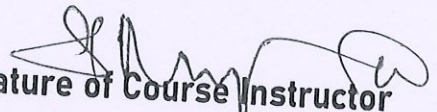
S.No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
			5/4/2022 (Tuesday)	Ex 4 - Program to convert a number to words explained		
			6/4/2022 (Wednesday)	Ex 4 program to convert a number to words explained & executed	PPT	Completed
			7/4/2022 (Thursday)	Ex 5 - program script to delay the program execution for given sec explain	Lab	Completed
			8/4/2022 (Friday)	Ex 5 - program script to delay the program execution for given sec executed	PPT	Completed
8.	April	III	11/04/2022 (Monday)	Revision for CIA-I Exam	Lab	Completed
			12/04/2022 (Tuesday)	Revision for CIA-I Exam	Lab	Completed
			13/04/2022 (Wednesday)	Revision for CIA-I Exam	Lab	Completed
9.	April	IV	18/4/2022 (Monday)	Basic program Numeric Built-in functions explained & executed	Lab	Completed
			19/4/2022 (Tuesday)	Basic program String Built-in functions explained & executed	Lab	Completed

  
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# WEEKLY PLAN

S.No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
			20/4/2022	Programs with arrays explained		
			(Wednesday)	and executed.	Lab	Completed
			21/4/2022	Programs with arrays executed		
			(Thursday)	and output verified.	Lab	Completed
			22/4/2022	Programs with form design		
			(Friday)	Explained	PPT	Completed
			23/4/2022	Programs with form design		
			(Saturday)	Executed and output verified	Lab	Completed
10.	April	V	25/04/2022	Ex-6 Program which changes		
			(Monday)	the colour of first character Explained	PPT	Completed
			26/04/2022	Ex-6 program which character		
			(Tuesday)	colour changed executed	Lab	Completed
			27/04/2022	Cultural Program Florista	-	-
			(Wednesday)			
			28/04/2022	HC Program	-	-
			(Thursday)			
			29/04/2022	Cultural Program Dreamz	-	-
			(Friday)			

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# WEEKLY PLAN

S.No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
			30/04/2022 (Saturday)	HOLIDAY ANNOUNCED		
11.	May	I	02/05/2022 (Monday)	EX-7 Program - find multiplication table of a number Explained	PPT	completed
			04/05/2022 (Wednesday)	EX-7 Program - find multiplication table of a number Executed	Lab	completed
			05/05/2022 (Thursday)	Department Association Program	-	-
			06/05/2022 (Friday)	EX-8 program calculate factorial of a number Explained	PPT	completed
			07/05/2022 (Saturday)	EX-8 program calculate factorial of a number executed	Lab	completed
12.	May	II	09/05/2022 (Monday)	EX-9 script to read file, reverse its contents explained	PPT	completed
			10/05/2022 (Tuesday)	EX-9 script to read file, reverse its contents executed	Lab	completed
			11/05/2022 (Wednesday)	EX-10 script to look through current directory and Renaming files explained	PPT	completed

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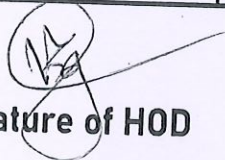
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# WEEKLY PLAN

S.No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
			12/05/2022 (Thursday)	Ex:11 - Reading the unconf. Directory a returning a file list Executed		
			13/05/2022 (Friday)	Ex:12 - create a database for student Marksheet Executed.		
13.	May	III	16/05/2022 (Monday)	Work Assigned to Students		
			17/05/2022 (Tuesday)	Work Assigned to Students		
			18/05/2022 (Wednesday)	Work Assigned to Students		
			19/05/2022 (Thursday)	Work Assigned to Students		
			20/05/2022 (Friday)	Work Assigned to Students		
			21/05/2022 (Saturday)	College Day		
14.	May	IV	23/05/2022 to 27/05/2022	Model Examinations		

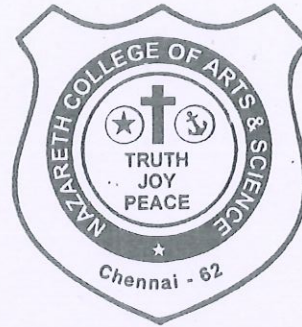
  
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2022-2023  
EVEN SEM

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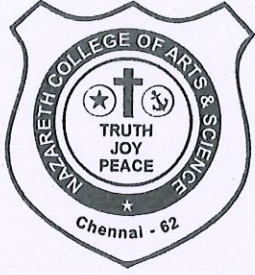
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## LESSON PLAN



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Email: [info@ncas.in](mailto:info@ncas.in)

## LESSON PLAN

Name of the Faculty : *Kaviyasiri-R*

Course Planned : *Web Technology*

Academic Year : *2022 - 2023*

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# SEMESTER PLAN & OBJECTIVES

Name of the Teacher : Kaviyarasir R

Department : Computer Science

Course: Web Technology

Class: II B Sc CS

Course Objective :

1. To use php and MySQL to develop dynamic web sites for user on the internet.
2. To develop websites ranging from simple online information forms to complex E-commerce Websites.
3. To understand the general concepts of php scripting language.
4. To learn the relationship between the client side and the server side scripts.
5. To understand the basic functions of MySQL database programs and xml concepts.

Class Strength: 50

Entry Level Behavior of Students:

Marks: 10

Students Present: 50/35

Below 40% 5

Between 40% - 50% 15

Above 55% 15

Absent: 15

Planned Remedial Measures for slow - Learner: Assignment, test, question bank

Planned Remedial measures for High - Achievers: Seminar, question bank

Portion for Test 1: Unit I

Portion of Test 2: Unit II

Date of Quiz 1: 18-1-2023

Date for Quiz 2 : 13-2-2023

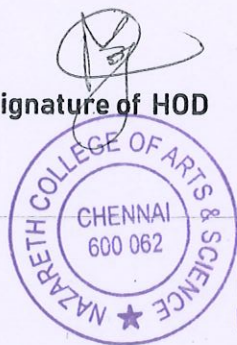
Assignment (Starting Date): 24-1-2023

Seminar (Starting Date): 27-2-2023

Signature of Dean of Academics

Signature of HOD

Signature of Course Instructor



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# SEMINAR TOPICS

SYNOPSIS SUBMISSION - 7 Days before the Seminar Date

S.No.	Name of the Student	Topics	Date	Synopsis Submission Date
1	Shobabu S.	php operators	27-2-2023	20-2-2023
2	Babu prasath D.	php variables	27-2-2023	20-2-2023
3	Dhanush Boopathy M.	php data types	27-2-2023	20-2-2023
4	Dharshan prasadi	php constants	27-2-2023	20-2-2023
5	Govind Kumar Dubey S.	php if statement	27-2-2023	20-2-2023
6	Harish Kumar P.	php if else statement	28-2-2023	21-2-2023
7	Ibrahim Badusha B.	php nested if statement	28-2-2023	21-2-2023
8	Kanagaraj D.	php switch case statement	28-2-2023	21-2-2023
9	King Clinton L.	php for loop	28-2-2023	21-2-2023
10	Lokesh M.	php while loop	28-2-2023	21-2-2023
11	Mohammed Farhan M.	php do while loop	1-3-2023	22-2-2023
12	Mohammed Thameel Islam J.	php string functions	1-3-2023	22-2-2023
13	Mohammed Adam M.	php string functions	1-3-2023	22-2-2023
14	Naveen S.	php string functions	1-3-2023	22-2-2023
15	parveen D.	php numeric functions	1-3-2023	22-2-2023
16	Prasanna Kumar J.P.	php numeric functions	1-3-2023	22-2-2023
17	preveen L.	php numeric functions	2-3-2023	23-2-2023
18	Prathiviraj K.	Working with arrays	2-3-2023	23-2-2023



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S.No.	Name of the Student	Topics	Date
19	Rishikasan M	Types of arrays	2-3-2023 23-2-23
20	Sakthi-I	storing data in arrays	2-3-2023 23-2-23
21	Santay Kumar H	processing arrays	2-3-2023 23-2-23
22	Santosh Kumar H	processing arrays with loops and iterations	3-3-2023 24-2-23
23	Sarankumar M	using arrays with forms	3-3-2023 24-2-23
24	Saravanan R	using arrays with forms	3-3-2023 24-2-23
25	Sooganpaulk J	Working with array functions	3-3-2023 24-2-23
26	shalom Benni d C	Working with arrays functions	3-3-2023 24-2-23
27	Shivam Yadav H	Working with Dates function	4-3-2023 25-2-23
28	Stephen Raj-B	Working with Date functions	4-3-2023 25-2-23
29	Surya R	Working with Time functions	4-3-2023 25-2-23
30	Vignash U	Working with Time functions	4-3-2023 25-2-23
31	Vignash S	using functions and classes	4-3-2023 25-2-23
32	Vincent A	using functions and classes	6-3-2023 27-2-23
33	Agastina Jany L	creating user defined functions	6-3-2023 27-2-23
34	Harshini S	creating user defined functions	6-3-2023 27-2-23
35	Tanani H	creating classes	6-3-2023 27-2-23
36	Kaviya R	creating classes	6-3-2023 27-2-23
37	Keerthana K	using oops concepts	7-3-2023 28-2-23
38	Lavanya R	using oops concepts	7-3-2023 28-2-23



*[Signature]*  
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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
	January	I	4/1/23 Wednesday.	Subject orientation	ppt	completed
			5/1/2023 Thursday.	Syllabus	ppt	completed
		II	9/1/2023 Monday	Introducing php	ppt	completed
			10/1/2023 Tuesday.	Basic development concepts	ppt	completed
			11/1/2023 Wednesday.	creating first php scripts	ppt	completed
			12/1/2023 Thursday.	using variables	ppt	completed
			13/1/2023 Friday.	using operators	ppt	completed
		III	15/1/2023 Wednesday.	storing data in a variable	ppt	completed

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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
1	January	III	19/1/2023 Thursday	understanding data types	PPT	completed
2			20/1/2023 Friday	setting and checking variable data types	PPT	completed
		IV	23/1/2023 Monday	constants	PPT	completed
			24/1/2023 Tuesday	manipulating variables	PPT	completed
			25/1/2023 Wednesday	manipulating variables with operators	PPT	Replanned
			27/1/2023 Friday	manipulating variables with operators	PPT	completed
			28/1/2023 Saturday	manipulating constants	PPT	completed
		V	30/1/2023 Monday	control structures if statement	PPT	completed

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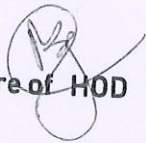
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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
	January	V	31/1/2023 Tuesday	control structures - Nested if statement	PPT	completed
	February	I	1/2/2023 Wednesday	control structures - Switch case	PPT	completed
			2/2/2023 Thursday	control structures Switch case	PPT	completed
			3/2/2023 Friday	Built in functions	PPT	Completed
			4/2/2023 Saturday	Built in functions	PPT	completed
		II	6/2/2023 Monday	String functions	PPT	replanned
			7/2/2023 Tuesday	string functions	PPT	completed
			8/2/2023 Wednesday	Numeric functions	PPT	completed
			9/2/2023 Thursday	Numeric functions	PPT	Completed

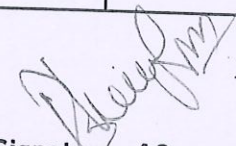
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Signature of Course Instructor



# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
6	February	II	10/2/2023 Friday	Revision	Group Discussion	Completed
7		III	13/2/2023 Monday	Arrays	PPT	Completed
8			14/2/2023 Tuesday	Arrays and its types	PPT	Completed
9			15/2/2023 Wednesday	Associative Arrays	PPT	Completed
10			16/2/2023 Thursday	Numeric Arrays	PPT	Completed
11			17/2/23 Friday	Multidimensional arrays	chalk talk	Completed
12			18/2/23 Saturday	Array functions	PPT	Completed
13		IV	20/2/23 Monday	Array functions	PPT	Completed
14			21/2/23 Tuesday	open book examination	-	Completed

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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
5	February	IV	22.2.2023 Wednesday	open book examination	-	completed
6			23.2.2023 Thursday	Working with forms using arrays	chalk talk	completed
7			24.2.2023 Friday	Working with forms using arrays	chalk talk	completed
8			25.2.2023 Saturday	Array functions	-	concepland
9			27.2.2023 Monday	prayer Array functions	PPT	completed
10			28.2.2023 Tuesday	Date and time functions	chalk talk	completed
		I	1.3.2023 Wednesday	user defined functions	chalk talk	completed
			2.3.2023 Thursday	oops concepts	chalk talk	completed
			3.3.2023 Friday	class and methods	chalk talk	completed

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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
4	March	I	4.3.2023 Saturday	Inheritance	charitalk	completed
5		II	6.3.2023 Monday	Types of inheritance	charitalk	completed
6			7.3.2023 Tuesday	Interface	charitalk	completed
7			8.3.2023 Wednesday	abstraction	-	completed
8			9.3.2023 Thursday	open book examination	-	-
9			10.3.2023 Friday	Interfaces	charitalk	completed
10		III	13.3.2023 Monday	user defined functions - function decl, def, calling	charitalk	completed
			14.3.2023 Tuesday	user defined functions - Argument passing	charitalk	completed
			15.3.2023 Wednesday	user defined functions - variable argument and recursive function	charitalk	completed

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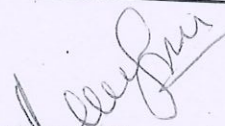
# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
13	March	III	16.3.2023 Thursday	constructor & destructor	chalktalk	completed
14			17.3.2023 Friday	Working with files & directories	chalktalk	completed
15			18.3.2023 Saturday	Reading files, Writing files, processing directories	chalktalk	completed
16		IV	20.3.2023 Monday	Introducing database and SQL	chalktalk	completed
17			21.3.2023 Tuesday	using MySQL	chalktalk	completed
18			23.3.2023 Thursday	collega day	-	-
19			24.3.2023 Friday	class suspended	-	-
20			25.3.2023 Saturday	convocation	-	-
21		V	27.3.2023 Monday	Adding and modifying data	chalktalk	completed

  
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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
32	March	V	28.3.2023 Tuesday	Handling errors	PPT	Completed
32			29.3.2023 Wednesday	Florisia	-	-
32			30.3.2023 Thursday	using safite extension	PPT	Completed
32			31.3.2023 Friday	using pdo extension	PPT	Completed
33	April	I	1.4.2023 Saturday	dream2	-	-
33	April	II	3.4.2023 Monday	Introduction to XML	PPT	Completed
33			5.4.2023 Wednesday	Simple xml	PPT	Completed
33			6.4.2023 Thursday	DOM extension	PPT	Completed
33			10.4.2023 Monday	Model Exam	-	Completed

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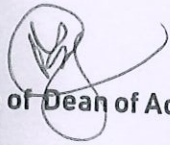
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# WEEKLY PLAN

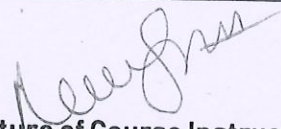
No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
22	April	II	11/4/2023 Tuesday	open book Model examination	-	Completed
23			12/4/2023 Wednesday	Model Examination	-	Completed
24			13/4/2023 Thursday	Model Examination	-	Completed
25			14/4/2023 Friday	Model Examination	-	Completed

*Completed*

  
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# NAZARETH COLLEGE OF ARTS & SCIENCE

Approved by Govt. of Tamil Nadu and Affiliated to University of Madras

Re-Accredited by NAAC with 'B' Grade

Kovilpathagai Main Road, Kannadapalayam, Vellanoor Post, Avadi, Chennai - 62.

Website : [www.ncas.in](http://www.ncas.in)

Email: [info@ncas.in](mailto:info@ncas.in)

## LESSON PLAN

Name of the Faculty : R. Noenakshi

Course Planned : Data science

Academic Year : 2022 - 2023

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# SEMESTER PLAN & OBJECTIVES

Name of the Teacher : R. Neenakshi

Department : Computerscience

Course: Data science

Class: III Bsc (CS)

Course Objective :

1. To introduce the concepts, techniques and tools with respect to the
2. Various facets of data science practice, including data collection
3. and integration, exploratory data analysis, predictive modeling;
4. descriptive modeling and effective communication.
- 5.

Class Strength: 67

Entry Level Behavior of Students:

Marks: 20

Students Present: 57

Below 40 % —

Between 40 % - 50 % : 30

Above 55 % 27

Absent: 10

Planned Remedial Measures for slow - Learner: Understand the importance of multisensory instruction

Planned Remedial measures for High - Achievers: Understand the different learning styles and adopt learning styles.

Portion for Test 1: Facts of data (Unit I)

Portion of Test 2: Data science process (Unit-II)

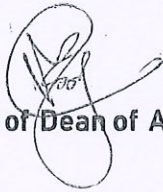
Date of Quiz 1: 31/01/2023

Date for Quiz 2 : 10/02/2023

Assignment (Starting Date): 30/01/2023

Seminar (Starting Date): 13/02/2022

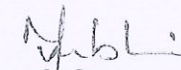
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# SEMINAR TOPICS

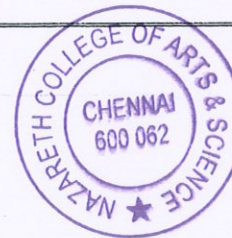
SYNOPSIS SUBMISSION - 7 Days before the Seminar Date

S.No.	Name of the Student	Topics	Date	Synopsis Submission Date
1	Abinath. S	Big data ecosystem	12/2/23	6/02/2022
2	Gibson Sharon. N	Big data ecosystem		
3	Gokul. S	Big data ecosystem		
4	Jackson Immanuel. S	Big data ecosystem		
5	Joel Galvin. G	Big data ecosystem		
6	John Clinton. Z	Big data ecosystem		
7	Kevin Mathews. J	Big data ecosystem		
8	Kishore. C	Hadoop		
9	Lokesh. G	Hadoop	14/2/23	
10	Maheswar. P	Hadoop		
11	Michael Amelrong. S	Hadoop		
12	Mohan. G	Hadoop		
13	Rishikeeavan. V	Hadoop		
14	Sampath. S	Hadoop		
15	Saravanan. C	Exploratory data analysis		
16	Satish Kumar. S	Exploratory data analysis		
17	Rakthi shyam. B	Exploratory data analysis		
18	Silambarasan. V	Exploratory data analysis		



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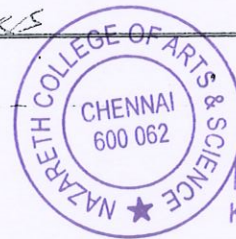
S.No.	Name of the Student	Topics	Date
19	Krijith. S	Exploratory data analysis	16/2/22
20	Surech. S	Exploratory data analysis	
21	Syed Hyrudun. S	Types of machine learning	
22	Tamilarasu. G	Types of machine learning	
23	Thanuch. S	Types of machine learning	
24	Vignesh. D	Types of machine learning	
25	Vignesh. D	Types of machine learning	19/2/22
26	Vogesewaran. R	Apache spark	
27	Aarthi. S	Apache Spark	
28	Angel. k	Apache Spark	
29	Anitha. S	Apache Spark	
30	Deepika. V	Apache Spark	
31	Divya. E	Apache spark	20/2/22
32	Hinduja. T	Data retrieval	
33	Josephine Musika	Data retrieval	
34	Jothika. R	Data retrieval	
35	Keerthana Devi. B	Data retrieval	
36	Likitha. M	Data retrieval	
37	Madumathi. N	Data retrieval	
38	Monika. J	Data retrieval	



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S.No.	Name of the Student	Topics	Date
39	Monika shree . S	Hadoop Architecture	21/2/23
40	Parithra . M	Hadoop Architecture	
41	Priya . M	Hadoop Architecture	
42	Rajalakehmi . A	Hadoop Architecture	
43	Raveena . M	Hadoop Architecture	
44	Rishal Nya . V	Build the model	22/2/23
45	Sneha . G	Build the model	
46	Sowmiya . S	Build the model	
47	Susmitha . Y . S	Build the model	
48	Ajay . M	Build the model	
49	Balaji . M	Big data Analytics	23/2/23
50	Chandru . C	Bigdata Analytics	
51	Francis . Xavier	Bigdata Analytics	
52	Hari Narayanan	Bigdata Analytics	
53	Janarthanan	Bigdata Analytics	
54	Mahendran	Bigdata Analytics	24/2/23
55	Navej	Data modeling process	
56	Mohammed Rijaz	Data modeling process	
57	Makech	Data modeling process	
58	Natru kumaran .	Data modeling process	



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# SEMESTER PLAN

Course Name : Data science

Course Code : GE26C

Class : III BSc (CS)

Credit : 04

No.	Month	Unit	Topics Planned to Cover	Remarks
	January	<u>I</u>	Unit I:	
		and	Introduction to Data science, Benefits	
		<u>II</u>	and uses, Facets of data, Data science process, Big data ecosystem and data science.	Completed
			Unit II:	
			The Data science process Overview, research goals, retrieving data, transformation, Exploratory Data Analysis, Model building.	Completed
2	February	<u>III</u>	Unit III:	
			Algorithms, machine learning algorithms, Modeling process, Types, supervised, Unsupervised, Semi-supervised.	Completed
3	March	<u>IV</u>	Unit IV:	
			Introduction to Hadoop, Framework, Spark, replaying Mapreduce, NoSQL, ACID, CAP, BASE, types.	Completed



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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
	January	1 <sup>st</sup> Week	4/1/23 (Wed)	Introduction of Data science	Chalk and talk	Completed
			5/1/23 (Thurs)	Process of Data science	Chalk and talk	Completed
			7/1/23 (Mon)	Benefits and uses	Chalk and talk	Completed
		2 <sup>nd</sup> Week	10/1/23 (Tue)	Facts of Data	Chalk and talk	Completed
			12/1/23 (Thurs)	Data science Process	Chalk and talk	Completed
			13/1/23 (Fri)	Big data ecosystem	Chalk and talk	Completed
		3 <sup>rd</sup> Week	15/1/23 (Wed)	Hadoop	Chalk and talk	Completed
			19/1/23 (Thurs)	setting research goal	Chalk and talk	Completed
			20/1/23 (Fri)	Retrieving data	Chalk and talk	Completed
		4 <sup>th</sup> Week	23/1/23 (Mon)	Data preparation	Chalk and talk	Completed
			24/1/23 (Tue)	Data Exploration	Chalk and talk	Completed
			25/1/23 (Wed)	Data modelling	Chalk and talk	Completed
	27/1/23 (Fri)		presentation and automation	Chalk and talk	Completed	

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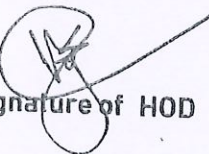
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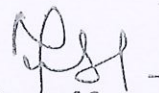
# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
	February	5 <sup>th</sup>	30/1/23 (Mon)	Cleansing / Integration and Transforming	chalk and talk	Completed
		Week 1	31/1/23 (Tue)	Combining data from different data	chalk and talk	Completed
		2 <sup>nd</sup>	1/2/23 (Wed)	Appending tables	chalk and talk	Completed
		1 <sup>st</sup>	2/2/23 (Thurs)	Machine learning	chalk and talk	Completed
		Week 2	3/2/23 (Fri)	Types of machine learning	chalk and talk	Completed
		2 <sup>nd</sup>	6/2/23 (Mon)	Machine learning Process	Chalk and talk	Completed
		Week 3	7/2/23 (Tue)	Machine learning Process	Chalk and talk	Completed
			8/2/23 (Wed)	Placement Orientation	Chalk and talk	Completed
			9/2/23 (Thurs)	Python Tools	Chalk and talk	Completed
			10/2/23 (Fri)	Python Tools		
		3 <sup>rd</sup>	13/2/23 (mon)	python packages	chalk and talk	Completed
		Week 4	14/2/23 (Tue)	python packages	chalk and talk	Completed
			15/2/23 (Wed)	Two mark Revision	Oral	Completed
			16/2/23 (Thurs)	Two mark Test	—	Completed
			17/2/23 (Fri)	Supervised / Unsupervised Category	chalk and talk	Completed
			18/2/23 (sat)	Revision of DS Process	Oral	Completed

  
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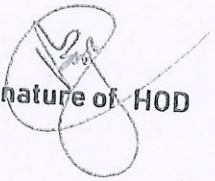
  
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# WEEKLY PLAN

s.No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
		4 <sup>th</sup>	20/2/23 (Mon)	Cleansing of data		
		Week	21/2/23 (Tue)	Open book Test	Chalk and talk	Completed
			22/2/23 (Wed)	Open book Test	-	Completed
			23/2/23 (Thu)	High achievers program	-	Completed
			24/2/23 (Fri)	Entrepreneur program Orientation	lab	Completed
		5 <sup>th</sup>			lab	Completed
		Week	27/2/23 (Mon)	Introduction to Hadoop		
			28/2/23 (Tue)	Frame work	Chalk and talk	Completed
					Chalk and talk	Completed
	March	1 <sup>st</sup>				
		Week	1/3/23 (Wed)	Apache Hadoop		
			2/3/23 (Thurs)	Yarn system	Chalk and talk	Completed
			3/3/23 (Fri)	Apache Spark	Chalk and talk	Completed
			4/3/23 (Sat)	Revision	Chalk and talk	Completed
					Oral	Completed
		2 <sup>nd</sup>	6/3/23 (Mon)	Apache Hive		
		Week	7/3/23 (Tue)	Apache Pig	Chalk and talk	Completed
					Chalk and talk	Completed

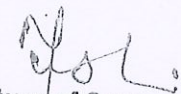
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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
			8/3/23 (Wed)	open book Test	—	Completed
			9/3/23 (Thur)	open book Test	—	Completed
			10/3/23 (Fri)	Class test	—	Completed
		2 <sup>nd</sup>				
		Week 1	13/2/23 (Mon)	open book Test		
			14/3/23 (Tue)	Null sense	Chalk and talk	Completed
			15/3/23 (Wed)	NO SQL and ACID	Chalk and talk	Completed
			16/3/23 (Thur)	CAP and BASE	Chalk and talk	Completed
			17/3/23 (Fri)	Types of BASE	Chalk and talk	Completed
				<del>Week 2</del>		
		4 <sup>th</sup>	20/3/23 (Mon)	Prediction of Diseases	Chalk and talk	Completed
		Week	21/3/23 (Tue)	Setting Research goals	Chalk and talk	Completed
			22/3/23 (Wed)	Data retrieval	Chalk and talk	Completed
		5 <sup>th</sup>	24/3/23 (Mon)	Data Preparation	Chalk and talk	Completed
		Week	28/3/23 (Tue)	Data Exploration	Chalk and talk	Completed

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# WEEKLY PLAN

No.	Month	Week	Date & Day	Topics Planned to Cover	Teaching Methodology	Remarks
			29/3/23 (Wed)	Diseases Profiling	Chalk and talk	Completed
			30/3/23 (Thurs)	Diseases automation	Chalk and talk	Completed
	April	1st	1/4/23 (Sat)	Dreamz		
		Week 1	3/4/23 (Mon)	Presentation and automation		
			5/4/23 (Wed)	ACID system		Postponed to 6/4/23
			6/4/23 (Thurs)	BASE System & Presentation		Completed
		2nd	10/4/23 (Mon)	Model Examination		
		Week 2	11/4/23 (Tue)	Model Examination	Nil	Completed
			12/4/23 (Wed)	Model Examination		
			13/4/23 (Thurs)	Model Examination		
		3rd	17/4/23 (Mon)	Model Examinations		
		Week 3	18/4/23 (Tue)	University Practical	Nil	Completed
			19/4/23 (Wed)	University Practical		
			20/4/23 (Thurs)	University Practical		
			21/4/23 (Fri)	University Practical		

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