

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : **SL (Scripting Language)**

Session : Jun - 2026

Teacher : **Madhu Dhiman**

Month : 1/27/2026 (04)

Class Room : 602

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Signature :

Teacher Name : **Madhu Dhiman**

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : SL (Scripting Language)

Session : Jun - 2026

Teacher : Madhu Dhiman

Month : 2/1/2026 (18)

Class Room : 602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
5.	02-Feb-26	3	Code indentation; Comments;			
6.	03-Feb-26	1	Python statements			
7.	05-Feb-26	2	Python tokens			
8.	06-Feb-26	2	Variables naming conventions			
9.	07-Feb-26	4	Need of input and output statements			
10.	09-Feb-26	3	reading from standard input using the input() function			
11.	10-Feb-26	1	Writing to standard output using the print() function			
12.	12-Feb-26	2	Escape sequences			
13.	13-Feb-26	2	Revision of Unit-1 *Assignment 1 - Due on 20/02/2026			
14.	16-Feb-26	3	Data Types			
15.	17-Feb-26	1	Data Types			
16.	19-Feb-26	2	Data Types			
17.	20-Feb-26	2	Sets			
18.	21-Feb-26	4	Mappings			
19.	23-Feb-26	3	Mutable and Immutable data types			
20.	24-Feb-26	1	Type conversion - Explicit and implicit conversion.			
21.	26-Feb-26	2	Revision of Unit-2			
22.	27-Feb-26	2	Arithmetic operators			
23.	28-Feb-26	4	Relational operators;			

Signature :

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Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : SL (Scripting Language)

Session : Jun - 2026

Teacher : Madhu Dhiman

Month : 3/1/2026 (18)

Class Room : 602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
24.	02-Mar-26	3	Assignment Operators *Assignment 2 - Due on 15/03/2026			
25.	03-Mar-26	1	Logical Operators			
26.	05-Mar-26	2	Bitwise operators			
27.	06-Mar-26	2	Identity operators and membership operators			
28.	07-Mar-26	4	CLASS TEST-1			
29.	09-Mar-26	3	Arithmetic expressions			
30.	10-Mar-26	1	Revision of Unit-3			
31.	12-Mar-26	2	Operations on sequences			
32.	13-Mar-26	2	Operations on sequences			
33.	16-Mar-26	3	String methods			
34.	17-Mar-26	1	String methods			
35.	19-Mar-26	2	List methods			
36.	20-Mar-26	2	List methods			
37.	23-Mar-26	3	Tuple methods			
38.	24-Mar-26	1	Tuple methods			
39.	27-Mar-26	2	Set methods			
40.	28-Mar-26	4	Set methods			
41.	30-Mar-26	3	Dictionary methods			
42.	31-Mar-26	1	Dictionary methods			

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Madhu Dhiman

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Govt. Polytechnic Ambota (H.P.)

Lesson Planning

THEORY

Branch : Computer Engineering

Subject : SL (Scripting Language)

Teacher : Madhu Dhiman

Semester : 6

Session : Jun - 2026

Class Room : 602

Month : 5/1/2026 (15)

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with D
61.	02-May-26	4	Parameter passing			
62.	04-May-26	3	Parameter passing			
63.	05-May-26	1	Keyword and default arguments			
64.	11-May-26	3	Keyword and default arguments			
65.	12-May-26	1	Variable scope and lifetime			
66.	14-May-26	2	Lambda functions			
67.	15-May-26	2	Revision of Unit-7			
68.	16-May-26	4	File opening modes			
69.	18-May-26	3	Python methods for reading			
70.	19-May-26	1	writing and moving within a file			
71.	21-May-26	2	writing and moving within a file			
72.	22-May-26	2	Use of with keyword			
73.	23-May-26	4	Revision of Unit-8			
74.	25-May-26	3	Revision			
75.	26-May-26	1	Revision			

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Teacher Name :

Madhu Dhiman

H.O.D./PPL

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

Subject : SL

Teacher : Madhu Dhiman

PRACTICALS

Scripting Language

Group : 1 (20)

Semester : 6

Session : Aug - 2025

Lab : MML

SNo.	Date	Period	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	28-Jan-26	1	1	To install, configure Python 3 and IDLE on Windows/ Linux platforms,& to practice various			
2.	29-Jan-26	3	1	To install, configure Python 3 and IDLE on Windows/ Linux platforms,& to practice various			
3.	04-Feb-26	1	2	To create variables of various data types, check their id using id() function			
4.	05-Feb-26	3	2	To create variables of various data types, check their id using id() function			
5.	11-Feb-26	1	3	To swap values of two variables with and without a third variable			
6.	12-Feb-26	3	3	To swap values of two variables with and without a third variable			
7.	18-Feb-26	1	4	To sort elements of a given array in ascending order using selection sort method.			
8.	19-Feb-26	3	4	To sort elements of a given array in ascending order using selection sort method.			
9.	25-Feb-26	1	5	To apply concatenation, repetition, membership testing, indexing and slicing on sequences			
10.	26-Feb-26	3	5	To apply concatenation, repetition, membership testing, indexing and slicing on sequences			
11.	05-Mar-26	3	6	To practice various methods and the len() function on string and list.			
12.	11-Mar-26	1	6	To practice various methods and the len() function on string and list.			
13.	12-Mar-26	3	7	To practice various methods and the len() function on tuple, set and dictionary			
14.	18-Mar-26	1	7	To practice various methods and the len() function on tuple, set and dictionary			
15.	19-Mar-26	3	8	To calculate the division obtained by a student using the if...elif...else			
16.	25-Mar-26	1	8	To calculate the division obtained by a student using the if...elif...else			
17.	01-Apr-26	1	9	Using while loop			
18.	02-Apr-26	3	9	Using while loop			
19.	08-Apr-26	1	10	Using for loop			
20.	09-Apr-26	3	10	Using for loop			

Signature :

Teacher Name : Madhu Dhiman

HOD/PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT

H.O.D./PPL

Page : 1

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

PRACTICALS

Scripting Language

Group : 2 (20)

Semester : 6

Session : Aug - 2025

Lab : MML

Branch : Computer Engineering

Subject : SL

Teacher : Madhu Dhiman

SNo.	Date	Period	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	27-Jan-26	3	0	Orientation			
2.	28-Jan-26	5	0	Orientation			
3.	03-Feb-26	3	1	To install, configure Python 3 and IDLE on Windows/ Linux platforms,& to practice various			
4.	04-Feb-26	5	1	To install, configure Python 3 and IDLE on Windows/ Linux platforms,& to practice various			
5.	10-Feb-26	3	2	To create variables of various data types, check their id using id() function			
6.	11-Feb-26	5	2	To create variables of various data types, check their id using id() function			
7.	17-Feb-26	3	3	To swap values of two variables with and without a third variable			
8.	18-Feb-26	5	3	To swap values of two variables with and without a third variable			
9.	24-Feb-26	3	4	To sort elements of a given array in ascending order using selection sort method.			
10.	25-Feb-26	5	4	To sort elements of a given array in ascending order using selection sort method.			
11.	03-Mar-26	3	5	To apply concatenation, repetition, membership testing, indexing and slicing on sequences			
12.	10-Mar-26	3	5	To apply concatenation, repetition, membership testing, indexing and slicing on sequences			
13.	11-Mar-26	5	6	To practice various methods and the len() function on string and list.			
14.	17-Mar-26	3	6	To practice various methods and the len() function on string and list.			
15.	18-Mar-26	5	7	To practice various methods and the len() function on tuple, set and dictionary			
16.	24-Mar-26	3	7	To practice various methods and the len() function on tuple, set and dictionary			
17.	25-Mar-26	5	8	To calculate the division obtained by a student using the if...elif...else			
18.	31-Mar-26	3	8	To calculate the division obtained by a student using the if...elif...else			
19.	01-Apr-26	5	9	Using while loop			
20.	07-Apr-26	3	9	Using while loop			

Signature :

Teacher Name :

Madhu Dhiman

HOD/PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : E&S (Entrepreneurship and Startups)

Session : Jun - 2026

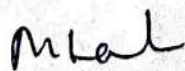
Teacher : Ashish Kalia

Month : Feb-2026 (15)

Class Room : 602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
4.	02-Feb-26	6	Intrapreneurship			
5.	03-Feb-26	2	Motivation			
6.	06-Feb-26	3	Types of Business Structures			
7.	07-Feb-26	3	Similarities between entrepreneurs and managers			
8.	09-Feb-26	6	Differences between entrepreneurs and managers			
9.	10-Feb-26	2	Revision of Unit 1			
10.	13-Feb-26	3	Revision of Unit 1			
11.	16-Feb-26	6	Business ideas and their implementation			
12.	17-Feb-26	2	Business ideas and their implementation			
13.	20-Feb-26	3	Discovering ideas			
14.	21-Feb-26	3	Visualizing the business			
15.	23-Feb-26	6	Activity map			
16.	24-Feb-26	2	Activity map			
17.	27-Feb-26	3	Business Plan			
18.	28-Feb-26	3	Business Plan *Assignment 1 - Due on 03-Mar-2026			

Signature :



Teacher Name :

Ashish Kalia

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : E&S (Entrepreneurship and Startups)

Session : Jun - 2026

Teacher : Ashish Kalia

Month : Mar-2026 (16)

Class Room : 602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
19.	02-Mar-26	6	Revision of Unit 2			
20.	03-Mar-26	2	Revision of Unit 2			
21.	06-Mar-26	3	Idea to Start-up			
22.	07-Mar-26	3	Market Analysis			
23.	09-Mar-26	6	Identifying the target market			
24.	10-Mar-26	2	Class Test - 1			
25.	13-Mar-26	3	Competition evaluation			
26.	16-Mar-26	6	Strategy Development			
27.	17-Mar-26	2	Marketing			
28.	20-Mar-26	3	Accounting			
29.	23-Mar-26	6	Risk analysis			
30.	24-Mar-26	2	Revision of Unit 3			
31.	27-Mar-26	3	Revision of Unit 3			
32.	28-Mar-26	3	Management			
33.	30-Mar-26	6	Management			
34.	31-Mar-26	2	Company's Organization Structure			

Signature :

Teacher Name :

Ashish Kalia

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : E&S (Entrepreneurship and Startups)

Session : Jun - 2026

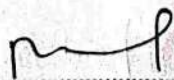
Teacher : Ashish Kalia

Month : May-2026 (13)

Class Room : 602

ect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
48.	02-May-26	3	Communication of Ideas to potential investors			
49.	04-May-26	6	Investor Pitch			
50.	05-May-26	2	Patenting *Assignment 3 - Due on 11-May-2026			
51.	11-May-26	6	Licenses			
52.	12-May-26	2	Revision of Unit 5			
53.	15-May-26	3	Revision of Unit 5			
54.	16-May-26	3	Exit strategies for entrepreneurs			
55.	18-May-26	6	Exit strategies for entrepreneurs			
56.	19-May-26	2	Bankruptcy			
57.	22-May-26	3	Succession strategy			
58.	23-May-26	3	Harvesting strategy			
59.	25-May-26	6	Revision of Unit 6			
60.	26-May-26	2	Revision of Unit 6			

Signature :



Teacher Name :

Ashish Kalia

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Lesson Planning

THEORY

Semester : 6

Subject : DWDN (OE-II (Data Warehousing and Data Mining))

Session : Jun - 2026

Month : **Jan-2026** (03)

Class Room : 602

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Signature :

Teacher Name :

Anjana Chaudhary

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : DWDN (OE-II (Data Warehousing and Data Mining))

Session : Jun - 2026

Teacher : Anjana Chaudhary

Month : Feb-2026 (16)

Class Room : 602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
4.	02-Feb-26	4	Three-tier data warehouse architecture			
5.	04-Feb-26	4	Data Warehouse Models: Enterprise warehouse			
6.	05-Feb-26	1	Data mart			
7.	06-Feb-26	4	Virtual warehouse			
8.	09-Feb-26	4	Types of OLAP Servers: Relational OLAP (ROLAP)			
9.	11-Feb-26	4	Multidimensional OLAP (MOLAP)			
10.	12-Feb-26	1	Hybrid OLAP (HOLAP)			
11.	13-Feb-26	4	Revision of Unit-1			
12.	16-Feb-26	4	Multidimensional database *Assignment 1 - Due on 20/02/2026			
13.	18-Feb-26	4	Data cube			
14.	19-Feb-26	1	Concept hierarchy, OLAP Operations: Roll-up			
15.	20-Feb-26	4	Drilldown, Slice and dice			
16.	23-Feb-26	4	Pivot (rotate)			
17.	25-Feb-26	4	Schemas for multidimensional databases: Stars			
18.	26-Feb-26	1	Snowflakes			
19.	27-Feb-26	4	Fact Constellations			

Signature :

Teacher Name :

Anjana Chaudhary

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : DWDM (OE-II (Data Warehousing and Data Mining))

Session : Jun - 2026

Teacher : Anjana Chaudhary

Month : 3/1/2026 (15)

Class Room : 602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (If any)	Signature with Date
20.	02-Mar-26	4	Revision of Unit-2			
21.	05-Mar-26	1	Data Mining, Importance of data mining			
22.	06-Mar-26	4	KDD process: Data preprocessing			
23.	09-Mar-26	4	Data cleaning			
24.	11-Mar-26	4	Class Test - 1 *Assignment 2 - Due on 20/03/2026			
25.	12-Mar-26	1	Data integration			
26.	13-Mar-26	4	Data selection			
27.	16-Mar-26	4	Data transformation			
28.	18-Mar-26	4	Data mining,			
29.	19-Mar-26	1	Pattern evaluation			
30.	20-Mar-26	4	Knowledge presentation			
31.	23-Mar-26	4	Classification of data mining systems			
32.	25-Mar-26	4	Classification of data mining systems			
33.	27-Mar-26	4	Technologies used in data mining			
34.	30-Mar-26	4	Technologies used in data mining			

Signature : _____

Teacher Name :

Anjana Chaudhary

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

H.O.D./PPL

Lesson Planning

THEORY

Session : Jun - 2026

Class Room : 602

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : IC (Indian Constitution)

Session : Jun - 2026

Teacher : **Arti Sharma**

Month : 1/1/2026 (01)

Class Room : 602

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Signature : Alhe

Teacher Name : **Arti Sharma**

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Dr. B.R. Ambedkar Govt. Polytechnic Ambota (H.P.)

Lesson Planning

Branch : **Computer Engineering**

THEORY

Semester : 6

Subject : IC (Indian Constitution)

Session : Jun - 2026

Teacher : **Arti Sharma**

Month : **2/1/2026** (08)

Class Room : 602

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Signature : 

Teacher Name : **Arti Sharma**

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

Lesson Planning

THEORY

Semester : 6

Session : Jun - 2026

Month : 5/1/2026 (06)

Class Room : 602

Signature :

Teacher Name :

Art Sharma

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL