

Lesson Planning

THEORY

Semester : 6

Session : Jan - 2024

Month : **Jan-2024** (03)

Class Room : LT-602

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 : LOS (Linux Operating System)

Session : Jan - 2024

Teacher : Madhu Dhiman

Month : Feb-2024 (17)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
8.	01-Feb-24	5	Free software, freeware, free and open source software (FOSS)			
9.	05-Feb-24	4	Public domain software, FSF, GPL, LGPL			
10.	06-Feb-24	5	Revision of Unit -I			
11.	07-Feb-24	1	History, features of LOS			
12.	08-Feb-24	5	Applications, Distributions of LOS ,kernel			
13.	12-Feb-24	4	Desktop environments : GNOME and KDE			
14.	13-Feb-24	5	Architecture of LOS			
15.	14-Feb-24	1	Boot loaders			
16.	15-Feb-24	5	Bash shell			
17.	19-Feb-24	4	Revision of Unit-II			
18.	20-Feb-24	5	Rules for naming files and directories			
19.	21-Feb-24	1	FHS *Assignment 1 - Due on 21/02/2024			
20.	22-Feb-24	5	File types , file permissions			
21.	26-Feb-24	4	Linux file management commands: cat, touch, head, tail, cp			
22.	27-Feb-24	5	Linux file management commands rm, mv, more, less, pwd, mkdir, rmdir, ls, cd, chmod			
23.	28-Feb-24	1	Use of wild card characters			
24.	29-Feb-24	5	Standard input, output and error files			

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 : LOS (Linux Operating System)

Session : Jan - 2024

Teacher : Madhu Dhiman

Month : Mar-2024 (15)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
25.	04-Mar-24	4	Pipes			
26.	05-Mar-24	5	Filters			
27.	06-Mar-24	1	Revision of Unit-III			
28.	07-Mar-24	5	Networking terminology (basic concept only)			
29.	11-Mar-24	4	TCP/IP			
30.	12-Mar-24	5	IPv4 and its addresses			
31.	13-Mar-24	1	Class test			
32.	14-Mar-24	5	IPv6 and its addresses			
33.	18-Mar-24	4	Netmask, gateway, DNS, DHCP, ports			
34.	19-Mar-24	5	Linux networking commands : ifconfig, finger, ping, arp			
35.	20-Mar-24	1	netstat, host, traceroute, nmap, ssh, telnet, ftp			
36.	21-Mar-24	5	Revision of Unit-IV *Assignment 2 - Due on 21/03/2024			
37.	26-Mar-24	5	User management : users, groups, primary and secondary groups			
38.	27-Mar-24	1	useradd, usermod, userdel			
39.	28-Mar-24	5	passwd, groupadd, groupmod, groupdel			

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 : LOS (Linux Operating System)

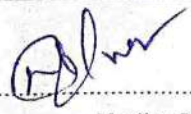
Session : Jan - 2024

Teacher : Madhu Dhiman

Month : Apr-2024 (15)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
40.	01-Apr-24	4	Groups, chown, chgrp			
41.	02-Apr-24	5	Disk management : manage disk partitions			
42.	03-Apr-24	1	Format partitions			
43.	04-Apr-24	5	Mount and unmount fil			
44.	08-Apr-24	4	Package management			
45.	09-Apr-24	5	Configuration files: hosts, fstab, passwd, group, resolv.conf			
46.	10-Apr-24	1	Telnet server			
47.	16-Apr-24	5	Class test			
48.	18-Apr-24	5	SSH server			
49.	22-Apr-24	4	FTP server NFS server,			
50.	23-Apr-24	5	Proxy server, DHCP server,			
51.	24-Apr-24	1	SAMBA server			
52.	25-Apr-24	5	Revision of Unit-V			
53.	29-Apr-24	4	Linux shells			
54.	30-Apr-24	5	Bash shell script			

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 : LOS (Linux Operating System)

Session : Jan - 2024

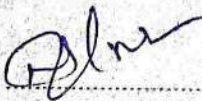
Teacher : Madhu Dhiman

Month : May-2024 (11)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
55.	01-May-24	1	Echo, read			
56.	02-May-24	5	Variables : naming rules, readonly variable, unset variables			
57.	06-May-24	4	Special variables (\$*, \$\$, \$# , \$? , \$n)			
58.	07-May-24	5	Environment variables , positional parameters			
59.	08-May-24	1	Command substitution			
60.	09-May-24	5	Flow control constructs - "if..then..fi" construct, "else" construct , elif construct			
61.	13-May-24	4	Case, while construct			
62.	14-May-24	5	Until construct, for construct *Assignment 3 - Due on 14/05/2024			
63.	20-May-24	4	break and continuB			
64.	21-May-24	5	Revision of Unit VI			
65.	22-May-24	1	Doubt clearing			

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

PRACTICALS

Subject : LOS

Linux Operating System

Semester : 6

Session : Jan - 2024

Teacher : Madhu Dhiman

Group : 1 (20)

Lab : Multimedia Lab

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	29-Jan-24	1	To install Linux operating system (e.g. Ubuntu Distribution)			
2.	03-Feb-24	2	Linux basic commands			
3.	05-Feb-24	2	Linux basic commands			
4.	12-Feb-24	V	Report Checking and Viva			
5.	17-Feb-24	3	Linux filter commands			
6.	19-Feb-24	3	Linux filter commands			
7.	26-Feb-24	3	Linux filter commands			
8.	02-Mar-24	V	Report Checking and Viva			
9.	04-Mar-24	4	Linux Networking Commands			
10.	11-Mar-24	4	Linux Networking Commands			
11.	16-Mar-24	V	Report Checking and Viva			
12.	18-Mar-24	5	Linux File management commands			
13.	23-Mar-24	5	Linux File management commands			
14.	30-Mar-24	V	Report Checking and Viva			
15.	01-Apr-24	6	To study various features of any Linux desktop environment.			
16.	06-Apr-24	V	Report Checking and Viva			
17.	08-Apr-24	7	To view and change file access permission of files in Linux			
18.	20-Apr-24	V	Report Checking and Viva			
19.	22-Apr-24	8	To implement various types of redirection			
20.	27-Apr-24	V	Report Checking and Viva			

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

PRACTICALS

Semester 6

Subject : LOS

Linux Operating System

Session Jan - 2024

Teacher : Madhu Dhiman

Group : 1 (07)

Lab Multimedia Lab

[illegible]

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

PRACTICALS

Semester : 6

Subject : LOS

Linux Operating System

Session : Jan - 2024

Teacher : Madhu Dhiman

Group : 2 (20)

Lab : Multimedia Lab

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	01-Feb-24	1	To install Linux operating system (e.g. Ubuntu Distribution)			
2.	03-Feb-24	2	Linux basic commands			
3.	08-Feb-24	2	Linux basic commands			
4.	15-Feb-24	V	Report Checking and Viva			
5.	17-Feb-24	3	Linux filter commands			
6.	22-Feb-24	3	Linux filter commands			
7.	29-Feb-24	3	Linux filter commands			
8.	02-Mar-24	V	Report Checking and Viva			
9.	07-Mar-24	4	Linux Networking Commands			
10.	14-Mar-24	4	Linux Networking Commands			
11.	16-Mar-24	V	Report Checking and Viva			
12.	21-Mar-24	5	Linux File management commands			
13.	23-Mar-24	5	Linux File management commands			
14.	28-Mar-24	V	Report Checking and Viva			
15.	30-Mar-24	6	To study various features of any Linux desktop environment.			
16.	04-Apr-24	V	Report Checking and Viva			
17.	06-Apr-24	7	To view and change file access permission of files in Linux			
18.	18-Apr-24	V	Report Checking and Viva			
19.	20-Apr-24	8	To implement various types of redirection			
20.	25-Apr-24	V	Report Checking and Viva			

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**

PRACTICALS

Semester : 6

Subject : LOS

Linux Operating System

Session , Jan - 2024

Teacher : Madhu Dhiman

Group : 2 (06)

Lab : Multimedia Lab

[illegible]

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

PRACTICALS

Semester : 6

Subject : IOT

Internet of Things

Session : Jan - 2024

Teacher : Madhu Dhiman

Group : 1 (20)

Lab : Multimedia Lab

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	30-Jan-24	1	Orientation			
2.	31-Jan-24	2	Introduction To IOT			
3.	06-Feb-24	V	Report Checking and Viva			
4.	07-Feb-24	3	Introduction to Arduino and Raspberrypie			
5.	13-Feb-24	3	Introduction to Arduino and Raspberrypie			
6.	14-Feb-24	3	Introduction to Arduino and Raspberrypie			
7.	20-Feb-24	3	Introduction to Arduino and Raspberrypie			
8.	21-Feb-24	V	Report Checking and Viva			
9.	27-Feb-24	4	To setup development environment for Raspberry Pi or Arduino			
10.	28-Feb-24	4	To setup development environment for Raspberry Pi or Arduino			
11.	05-Mar-24	4	To setup development environment for Raspberry Pi or Arduino			
12.	06-Mar-24	4	To setup development environment for Raspberry Pi or Arduino			
13.	12-Mar-24	V	Report Checking and Viva			
14.	13-Mar-24	5	To understand the logical board layout of Raspberry Pi or Arduino			
15.	19-Mar-24	5	To understand the logical board layout of Raspberry Pi or Arduino			
16.	20-Mar-24	5	To understand the logical board layout of Raspberry Pi or Arduino			
17.	26-Mar-24	V	Report Checking and Viva			
18.	27-Mar-24	6	To interface basic sensors and actuators with development board			
19.	02-Apr-24	6	To interface basic sensors and actuators with development board			
20.	03-Apr-24	6	To interface basic sensors and actuators with development board			

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**

Subject : IOT

Internet of Things

Semester : 6

Session : Jan - 2024

Teacher : Madhu Dhiman

Group : 2 (10)

Lab : Multimedia Lab

[illegible]

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

PRACTICALS

Branch : Computer Engineering

Subject : IOT

Internet of Things

Semester : 6

Session : Jan - 2024

Teacher : Madhu Dhiman

Group : 2 (20)

Lab : Multimedia Lab

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	31-Jan-24	1	Orientation			
2.	02-Feb-24	2	Introduction To IOT			
3.	07-Feb-24	V	Report Checking and Viva			
4.	09-Feb-24	3	Introduction to Arduino and Raspberrypie			
5.	14-Feb-24	3	Introduction to Arduino and Raspberrypie			
6.	16-Feb-24	3	Introduction to Arduino and Raspberrypie			
7.	21-Feb-24	V	Report Checking and Viva			
8.	23-Feb-24	4	To setup development environment for Raspberry Pi or Arduino			
9.	28-Feb-24	4	To setup development environment for Raspberry Pi or Arduino			
10.	01-Mar-24	4	To setup development environment for Raspberry Pi or Arduino			
11.	06-Mar-24	4	To setup development environment for Raspberry Pi or Arduino			
12.	13-Mar-24	4	To setup development environment for Raspberry Pi or Arduino			
13.	15-Mar-24	V	Report Checking and Viva			
14.	20-Mar-24	5	To understand the logical board layout of Raspberry Pi or Arduino			
15.	22-Mar-24	5	To understand the logical board layout of Raspberry Pi or Arduino			
16.	27-Mar-24	5	To understand the logical board layout of Raspberry Pi or Arduino			
17.	03-Apr-24	5	To understand the logical board layout of Raspberry Pi or Arduino			
18.	05-Apr-24	V	Report Checking and Viva			
19.	10-Apr-24	6	To interface basic sensors and actuators with development board			
20.	12-Apr-24	6	To interface basic sensors and actuators with development board			

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

PRACTICALS

Semester : 6

Subject : IOT

Internet of Things

Session : Jan - 2024

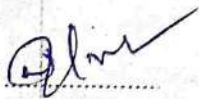
Teacher : Madhu Dhiman

Group : 2 (10)

Lab : Multimedia Lab

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
21.	19-Apr-24	V	Report Checking and Viva			
22.	24-Apr-24	7	To interface various communication modules (Bluetooth, WiFi) with development board			
23.	26-Apr-24	7	To interface various communication modules (Bluetooth, WiFi) with development board			
24.	01-May-24	V	Report Checking and Viva			
25.	03-May-24	8	To design a project using sensors, actuators, communication modules and draw circuit diagram			
26.	08-May-24	8	To design a project using sensors, actuators, communication modules and draw circuit diagram			
27.	15-May-24	8	To design a project using sensors, actuators, communication modules and draw circuit diagram			
28.	17-May-24	V	Report Checking and Viva			
29.	22-May-24	9	To develop, test and implement the designed project			
30.	24-May-24	V	Report Checking and Viva			

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 : WCMC (Wireless Communication & Mobile Computing)

Session : Jan - 2024

Teacher : **Ashish Kalia**

Month : **Jan-2024** (02)

Class Room : **LT-602**

[illegible]

Signature :

mkah

[Handwritten signature]

H.O.D./PPL

Teacher Name :

Ashish Kalia

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 : WCMC (Wireless Communication & Mobile Computing)

Session : Jan - 2024

Teacher : Ashish Kalia

Month : Feb-2024 (15)

Class Room : LT-602

Sl. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
7.	01-Feb-24	1	Wireless communication and its applications, advantages and disadvantages,			
8.	03-Feb-24	2	Types of Services			
9.	06-Feb-24	6	Challenges, Licensed/unlicensed electromagnatic spectrum, ISM band			
10.	07-Feb-24	5	Terrestrial and satellite microwave communication, broadcast radio			
11.	08-Feb-24	1	Infrared and lightwave communication			
12.	13-Feb-24	6	Wireless transmission impairments			
13.	14-Feb-24	5	Revision of Unit-I			
14.	15-Feb-24	1	Concept of bandwidth, analog and digital signals			
15.	17-Feb-24	2	Data rate, signal strength, SNR, RSSI			
16.	20-Feb-24	6	EM wave propagation: ground waves, sky waves and line-of-sight propagation			
17.	21-Feb-24	5	Radio waves			
18.	22-Feb-24	1	Microwaves waves			
19.	27-Feb-24	6	Infrared waves			
20.	28-Feb-24	5	Overview of Propagation Mechanisms			
21.	29-Feb-24	1	Revision of Unit-II			

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 : WCMC (Wireless Communication & Mobile Computing)

Session : Jan - 2024

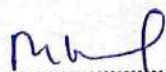
Teacher : Ashish Kalia

Month : Mar-2024 (16)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
22.	02-Mar-24	2	Cellular system concept *Assignment 1 - Due on 05-Mar-2024			
23.	05-Mar-24	6	Cellular system architecture			
24.	06-Mar-24	5	TDMA, ETD			
25.	07-Mar-24	1	PCS, CDMA			
26.	12-Mar-24	6	Class Test-1			
27.	13-Mar-24	5	GSM network			
28.	14-Mar-24	1	Generations of cellular networks and their features			
29.	16-Mar-24	2	Revision of Unit-III			
30.	19-Mar-24	6	Wireless LAN, IEEE-802.11			
31.	20-Mar-24	5	WLAN applications, types & problems			
32.	21-Mar-24	1	Bluetooth technology			
33.	23-Mar-24	2	Direct Sequence Spectrum Scheme			
34.	26-Mar-24	6	Frequency Hopping Spread Spectrum			
35.	27-Mar-24	5	Personal Area Networks			
36.	28-Mar-24	1	Revision of Unit-IV			
37.	30-Mar-24	2	Mobile computing introduction			

Signature : _____



Teacher Name :

Ashish Kalia



H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

H.O.D./PPL

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

Lesson Planning

Branch : Computer Engineering

THEORY

Semester : 6

Subject : WCMC (Wireless Communication & Mobile Computing)

Session : Jan - 2024

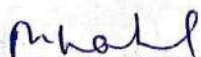
Teacher : Ashish Kalia

Month : Apr-2024 (14)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
38.	02-Apr-24	6	Mobile computing functions & devices *Assignment 2 - Due on 04-Apr-2024			
39.	03-Apr-24	5	Middleware and Gateways			
40.	04-Apr-24	1	Mobile computing environment			
41.	06-Apr-24	2	Applications and services			
42.	09-Apr-24	6	Revision of Unit-V			
43.	10-Apr-24	5	Three tier architecture for Mobile Computing			
44.	16-Apr-24	6	Design considerations, Client context manager			
45.	18-Apr-24	1	Introduction to CC/PP, Policy manager			
46.	20-Apr-24	2	Class Test-2			
47.	23-Apr-24	6	Semantic web, security manager			
48.	24-Apr-24	5	Context aware systems			
49.	25-Apr-24	1	GPS			
50.	27-Apr-24	2	Mobile computing through Internet			
51.	30-Apr-24	6	Revision of Unit-VI			

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 : WCMC (Wireless Communication & Mobile Computing)

Session : Jan - 2024

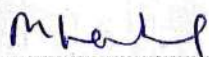
Teacher : Ashish Kalia

Month : May-2024 (11)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (If any)	Signature with Date
52.	01-May-24	5	An overview of Android Operating System			
53.	02-May-24	1	Architecture of Android Operating System *Assignment 3 - Due on 07-May-2024			
54.	04-May-24	2	Architecture continued			
55.	07-May-24	6	Architecture continued			
56.	08-May-24	5	Features of Android OS			
57.	09-May-24	1	Features continued			
58.	14-May-24	6	Revision of Unit-VII			
59.	18-May-24	2	Revision			
60.	21-May-24	6	Revision			
61.	22-May-24	5	Revision			
62.	25-May-24	2	Revision			

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

PRACTICALS

Branch : Computer Engineering

Subject : WCMC

Wireless Communication & Mobile Computing

Semester : 6

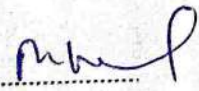
Session : Jan - 2024

Teacher : Ashish Kalia

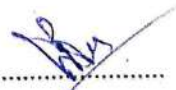
Group : 1 (20)

Lab : Network Lab

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (If any)	Signature with Date
1.	31-Jan-24	1	Orientation			
2.	01-Feb-24	2	To identify various wireless networking devices and to recognise physical topology in the lab.			
3.	07-Feb-24	2	To identify various wireless networking devices and to recognise physical topology in the lab.			
4.	08-Feb-24	2	To identify various wireless networking devices and to recognise physical topology in the lab.			
5.	14-Feb-24	3	To create WLAN of at least five wireless devices using any simulation tool (e.g packettracer).			
6.	15-Feb-24	3	To create WLAN of at least five wireless devices using any simulation tool (e.g packettracer).			
7.	21-Feb-24	3	To create WLAN of at least five wireless devices using any simulation tool (e.g packettracer).			
8.	22-Feb-24	3	To create WLAN of at least five wireless devices using any simulation tool (e.g packettracer).			
9.	28-Feb-24	4	To setup a WLAN using access point.			
10.	29-Feb-24	4	To setup a WLAN using access point.			
11.	06-Mar-24	4	To setup a WLAN using access point.			
12.	07-Mar-24	4	To setup a WLAN using access point.			
13.	13-Mar-24	5	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)			
14.	14-Mar-24	5	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)			
15.	20-Mar-24	5	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)			
16.	21-Mar-24	5	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)			
17.	27-Mar-24	6	Data sharing using bluetooth.			
18.	28-Mar-24	6	Data sharing using bluetooth.			
19.	03-Apr-24	6	Data sharing using bluetooth.			
20.	04-Apr-24	6	Data sharing using bluetooth.			

Signature : 

Teacher Name : Ashish Kalia


HOD/PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT

H.O.D./PPL

Page : 1

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

Branch : **Computer Engineering**

Subject : **WCMC**

Wireless Communication & Mobile Computing

Semester : 6

Session : Jan - 2024

Teacher : **Ashish Kalia**

Group : 1 (09)

Lab : Network Lab

[illegible]

Signature :

Teacher Name : Ashish Kalia

HOD/PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT

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

Lesson Planning PRACTICALS

Branch : Computer Engineering

Subject : WCMC

Wireless Communication & Mobile Computing

Semester : 6

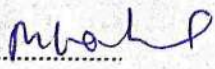
Session : Jan - 2024

Teacher : Ashish Kalia

Group : 2 (20)

Lab : Network Lab

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	30-Jan-24	1	Orientation			
2.	03-Feb-24	2	To identify various wireless networking devices and to recognise physical topology in the lab.			
3.	06-Feb-24	2	To identify various wireless networking devices and to recognise physical topology in the lab.			
4.	13-Feb-24	2	To identify various wireless networking devices and to recognise physical topology in the lab.			
5.	17-Feb-24	3	To create WLAN of at least five wireless devices using any simulation tool (e.g packettracer).			
6.	20-Feb-24	3	To create WLAN of at least five wireless devices using any simulation tool (e.g packettracer).			
7.	27-Feb-24	3	To create WLAN of at least five wireless devices using any simulation tool (e.g packettracer).			
8.	02-Mar-24	3	To create WLAN of at least five wireless devices using any simulation tool (e.g packettracer).			
9.	05-Mar-24	4	To setup a WLAN using access point.			
10.	12-Mar-24	4	To setup a WLAN using access point.			
11.	16-Mar-24	4	To setup a WLAN using access point.			
12.	19-Mar-24	4	To setup a WLAN using access point.			
13.	23-Mar-24	5	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)			
14.	26-Mar-24	5	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)			
15.	30-Mar-24	5	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)			
16.	02-Apr-24	5	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)			
17.	06-Apr-24	6	Data sharing using bluetooth.			
18.	09-Apr-24	6	Data sharing using bluetooth.			
19.	16-Apr-24	6	Data sharing using bluetooth.			
20.	20-Apr-24	6	Data sharing using bluetooth.			

Signature : 

Teacher Name : Ashish Kalia


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 : PP (Elective-II (Python Programming))

Session : Jan - 2024

Teacher : Dr. Rajesh Sharma

Month : Jan-2024 (02)

Class Room : **LT-602**

[illegible]

Signature :

Teacher Name :

Dr. Rajesh 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 : PP (Elective-II (Python Programming))

Session : Jan - 2024

Teacher : Dr. Rajesh Sharma

Month : Feb-2024 (15)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
7.	01-Feb-24	2	Python language – need, features and advantages			
8.	03-Feb-24	1	Python versions, Application areas of Python			
9.	05-Feb-24	3	Structure of a typical Python Program, Code indentation			
10.	07-Feb-24	2	Revision of Unit-I			
11.	08-Feb-24	2	Python tokens - identifiers, keywords, operators, delimiters, and literals			
12.	12-Feb-24	3	Variables, naming conventions in Python			
13.	14-Feb-24	2	Python statements - simple and compound; comments			
14.	15-Feb-24	2	Reading from standard input using input(), writing to standard output using print()			
15.	17-Feb-24	1	Data types - numbers, strings, tuples, lists			
16.	19-Feb-24	3	Data types - dictionaries, ranges, and sets			
17.	21-Feb-24	2	Mutable and immutable data types			
18.	22-Feb-24	2	Python numbers: integers, floating-point and complex numbers; numeric literals			
19.	26-Feb-24	3	String literals - quoted and triple quoted strings, multiline strings			
20.	28-Feb-24	2	Escape sequence, type() function			
21.	29-Feb-24	2	Revision of Unit-II *Assignment 1 - Due on 06-Mar-2024			

Signature :

Teacher Name :

Dr. Rajesh 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 : PP (Elective-II (Python Programming))

Session : Jan - 2024

Teacher : Dr. Rajesh Sharma

Month : Apr-2024 (13)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
37.	01-Apr-24	3	Revision of Unit-IV			
38.	03-Apr-24	2	If statement and its variants - if, if...else, if...elif...else;			
39.	04-Apr-24	2	Loops - while loop			
40.	06-Apr-24	1	Loops - for loop; use of else in loops			
41.	08-Apr-24	3	Jump statements - break, continue, pass			
42.	10-Apr-24	2	with statement			
43.	18-Apr-24	2	Class Test-2			
44.	20-Apr-24	1	Exception handling			
45.	22-Apr-24	3	Revision of Unit-V			
46.	24-Apr-24	2	Python functions, def statement, parameters, return statement			
47.	25-Apr-24	2	Named parameters, default values of parameters			
48.	27-Apr-24	1	Function signatures, variable number of arguments			
49.	29-Apr-24	3	Variable number of arguments *Assignment 3 - Due on 04-May-2024			

Signature : _____

Teacher Name : Dr. Rajesh 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 : PP (Elective-II (Python Programming))

Session : Jan - 2024

Teacher : Dr. Rajesh Sharma

Month : May-2024 (11)

Class Room : LT-602

Lect. No.	Date	Period	Topics Covered/ Activities Carried Out	Actual Coverage Date	Reason for Rescheduling (if any)	Signature with Date
50.	01-May-24	2	Lambda expression			
51.	02-May-24	2	Python modules and packages			
52.	04-May-24	1	Python modules and packages			
53.	06-May-24	3	Revision of Unit-VI			
54.	08-May-24	2	Opening a file, file opening modes, read from a file - read(), readline()			
55.	09-May-24	2	Writing to a File - write(), writelines(), truncate(), flush()			
56.	13-May-24	3	Navigating in a file - seek(), tell(), use of with statement			
57.	18-May-24	1	Use of with statement			
58.	20-May-24	3	Revision of Unit-VII			
59.	22-May-24	2	Revision of Important Topics			
60.	25-May-24	1	Revision of Important Topics			

Signature :

Teacher Name :

Dr. Rajesh Sharma

H.O.D./PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT/ PRINCIPAL

H.O.D./PPL

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

Lesson Planning

PRACTICALS

Branch : Computer Engineering

Subject : PP

Elective-II (Python Programming)

Semester : 6

Session : Jan - 2024

Teacher : Dr. Rajesh Sharma

Group : 1 (20)

Lab : Computer Center

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	30-Jan-24	1	Orientation and Lab Code			
2.	03-Feb-24	1	Orientation and Lab Code			
3.	06-Feb-24	2	To install and configure Python and IDLE on Windows/ Linux platforms.			
4.	13-Feb-24	2	To install and configure Python and IDLE on Windows/ Linux platforms.			
5.	17-Feb-24	3	To practice arithmetic expressions on Python interactive shell.			
6.	20-Feb-24	4	To read data from standard input and print information on standard output.			
7.	27-Feb-24	5	To create variables of various data types and verify them using type() function.			
8.	02-Mar-24	V	Viva and Report Checking			
9.	05-Mar-24	6	To demonstrate various operations on strings.			
10.	12-Mar-24	6	To demonstrate various operations on strings.			
11.	16-Mar-24	7	To demonstrate list comprehension and various operations on lists.			
12.	19-Mar-24	8	To demonstrate set comprehension and various operations on sets.			
13.	23-Mar-24	9	To demonstrate dictionary comprehension and various operations on dictionaries.			
14.	26-Mar-24	V	Viva and Report Checking			
15.	30-Mar-24	10	To demonstrate various operations on ranges.			
16.	02-Apr-24	11	To demonstrate the working of if statement and its variants.			
17.	06-Apr-24	12	To compute the factorial of a given number using while loop.			
18.	09-Apr-24	13	To generate first n terms of a fibonacci series using for loop.			
19.	16-Apr-24	V	Viva and Report Checking			
20.	20-Apr-24	14	To use for loop to manipulate lists.			

Signature : _____

Teacher Name : Dr. Rajesh Sharma

HOD/PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT

H.O.D./PPL

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

Lesson Planning

Branch : **Computer Engineering**

PRACTICALS

Semester : 6

Subject : PP

Elective-II (Python Programming)

Session : Jan - 2024

Teacher : **Dr. Rajesh Sharma**

Group : 1 (09)

Lab : Computer Center

[illegible]

Signature :

Teacher Name : Dr. Rajesh Sharma

HOD/PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT

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

Lesson Planning

PRACTICALS

Semester : 6

Session : Jan - 2024

Lab : Computer Center

Branch : Computer Engineering

Subject : PP

Elective-II (Python Programming)

Teacher : Dr. Rajesh Sharma

Group : 2 (20)

SNo.	Date	Pr. No.	Practical	Actual Date of Performance	Reason for Rescheduling (if any)	Signature with Date
1.	29-Jan-24	1	Orientation and Lab Code			
2.	31-Jan-24	1	Orientation and Lab Code			
3.	05-Feb-24	2	To install and configure Python and IDLE on Windows/ Linux platforms.			
4.	07-Feb-24	2	To install and configure Python and IDLE on Windows/ Linux platforms.			
5.	12-Feb-24	3	To practice arithmetic expressions on Python interactive shell.			
6.	14-Feb-24	4	To read data from standard input and print information on standard output.			
7.	19-Feb-24	4	To read data from standard input and print information on standard output.			
8.	21-Feb-24	5	To create variables of various data types and verify them using type() function.			
9.	26-Feb-24	V	Viva and Report Checking			
10.	28-Feb-24	6	To demonstrate various operations on strings.			
11.	04-Mar-24	6	To demonstrate various operations on strings.			
12.	06-Mar-24	7	To demonstrate list comprehension and various operations on lists.			
13.	11-Mar-24	8	To demonstrate set comprehension and various operations on sets.			
14.	13-Mar-24	9	To demonstrate dictionary comprehension and various operations on dictionaries.			
15.	18-Mar-24	V	Viva and Report Checking			
16.	20-Mar-24	10	To demonstrate various operations on ranges.			
17.	27-Mar-24	11	To demonstrate the working of if statement and its variants.			
18.	01-Apr-24	12	To compute the factorial of a given number using while loop.			
19.	03-Apr-24	13	To generate first n terms of a fibonacci series using for loop.			
20.	08-Apr-24	V	Viva and Report Checking			

Signature :

Teacher Name : Dr. Rajesh Sharma

HOD/PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT

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

Lesson Planning

ch : Computer Engineering

ct : PP

er : Dr. Rajesh Sharma

PRACTICALS

Elective-II (Python Programming)

Group : 2 (10)

Semester : 6

Session : Jan - 2024

Lab : Computer Center

[illegible]

Signature :

Teacher Name : Dr. Rajesh Sharma

HOD/PPL

MONTHLY REVIEW BY THE HEAD OF DEPARTMENT

Department of Computer Engg.

LESSON PLAN

Program Name	Diploma in Computer Engineering
Course Name	Practice in Communication Skills
Course Code	-
Course Co-ordinator Name	Renu Patial

Evaluation Scheme

Sr. no.	CourseName	Study scheme (Hrs./Week)	Marks in Evaluation Scheme			
			Internal Assessment		External Assessment	
			Theory	Practical	Theory	Practical
1.	Practice in Communication Skills	2(Pr.)	--	50	--	50
Reference Books	(i) Communication Skills by KK Dhir					
	(ii) General English by Lucent					
	(iii) Self Made Notes & Internet					

Course Outcomes (COs)

CO 1	They will have enriched vocabulary & will be able to understand English Language
CO 2	Student's Thinking will be improved, & will be able to speak in English
CO 3	They will improve their Reading, Writing, Listening & Speaking Skills

Teaching Plan

Sr. no.	Name of Practical	Proposed Date	Actual Date	Remarks
1.	Exercise on Phonetics 1.1 Identification of English Phonetics 1.2 Stress and Intonation 1.3 Speaking Exercise with emphasis on voice modulation (reading & extempore)	G1: 02/02/24&09/02/24 G2: 30/01/24,06/02/24 & 13/02/24		
2.	Group Discussion	G1: 16/02/24 , G2 : 20/02/24		
3.	Exercise on 3.1 Self assessment using tools like SWOT analysis 3.2 listening Skills	G1: 23/02/24 G2: 27/02/24 ,05/03/24& 12/03/24		
4.	Internet Communication and correspondence 4.1 Resume Writing 4.2 Covering Letter 4.3 Agenda & Minutes of Meeting 4.4 Business Correspondence	G1: 01/03/2024 & 15/03/24 G2: 19/03/24,26/03/24,& 02/04/24		
5.	Exercise on 5.1 Body language and dress sense 5.2 Etiquettes and mannerism in difficult situations like business meetings, table manners & telephonic Etiquettes 5.3Manners related to opposite gender	G1: 22/03/24 ,05/04/24 12/04/24& 19/04/24 G2: 09/04/23,16/04/24 & 23/04/24		

6.	Mock Interview	G1:26/04/24&03/05/2 G2: 30/04/24& 07/05/24		
7.	Role Play For effective Communication	G1: 17/05/24 & 24/05/24 G2: 14/05/24 & 21/05/24		



(Signature of HOD)



(Signature of Teacher)

(RENU PATIAL)