

## DEPARTMENT OF BACHELOR OF COMPUTER APPLICATIONS

### LESSON PLAN & WORK-DONE DIARY FOR AY:2025-26, EVEN SEMESTER

Course with Code: Unix and Shell Scripting – BBKA205				Faculty: Mr. Yathiraj D N		Semester & Section: II			
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation	
<b>MODULE-1</b>									
1	26/02/2026	Introduction of UNIX - Introduction	PPT						
2	03/03/2026	History, Architecture	PPT						
3	03/03/2026	Experience the Unix environment,	PPT						
4	04/03/2026	Basic commands ls, cat, cal, date	PPT						
5	04/03/2026	calendar, who, printf, tty,	PPT						
6	05/03/2026	stty, uname,	PPT						
7	10/03/2026	passwd, echo	PPT						
8	10/03/2026	tee, tput, and bc	PPT						

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MODULE-2								
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
9	11/03/2026	UNIX File System- The file, what's in a filename	PPT					
10	12/03/2026	The parent-child relationship, pwd	PPT					
11	12/03/2026	Home directory, absolute pathnames	PPT					
12	17/03/2026	using absolute pathnames for a command	PPT					
13	18/03/2026	cd, mkdir	PPT					
14	24/03/2026	rmdir	PPT					
15	25/03/2026	Relative pathnames,	PPT					
16	26/03/2026	The UNIX file system	PPT					

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MODULE-3								
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
17	07/04/2026	Basic File Attributes - ls - l,	PPT					
18	08/04/2026	the -d option, File Permissions, chmod, Security and File Permission	PPT					
19	09/04/2026	users and groups, security level, changing permission.	PPT					
20	15/04/2026	user masks, changing ownership and group	PPT					
21	16/04/2026	File Attributes	PPT					
22	21/04/2026	More file attributes: hard link	PPT					
23	22/04/2026	symbolic link	PPT					
24	23/04/2026	umask, find	PPT					

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MODULE-4								
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
25	28/04/2026	Introduction to the Shell Scripting - Introduction to Shell Scripting,	PPT					
26	29/04/2026	Shell Scripts, read, Command Line Arguments, Exit Status of a Command	PPT					
27	30/04/2026	The Logical Operators && and   , exit	PPT					
28	05/05/2026	if, and case conditions, expr	PPT					
29	06/05/2026	sleep and wait, while, until	PPT					
30	07/05/2026	for, \$, @, redirection. The here document	PPT					
31	13/05/2026	set, trap	PPT					
32	14/05/2026	Sample Validation and Data Entry Scripts	PPT					

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MODULE-5								
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
33	19/05/2026	Introduction to UNIX System process	PPT					
34	20/05/2026	Mechanism of process creation. Parent and child process	PPT					
35	21/05/2026	The ps command with its options	PPT					
36	02/06/2026	Executing a command at a specified point of time: at command.	PPT					
37	02/06/2026	Executing a command periodically: cron command	PPT					
38	03/06/2026	and the crontab file Signals	PPT					
39	04/06/2026	Revision	PPT					
40	04/06/2026	Revision	PPT					

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	Activity	Planned	Actual	Remarks
1	Theory Classes	40		
2	Assignments/Quizzes/Activity/ Self-study	2/5/0		
3	Tutorials/ Extra classes			
4	Internal Assessments	3		
5	ICT based Teaching (% of usage in Curriculum)	100%		
<b>Planning</b>			<b>Execution</b>	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	