

			Total---->	20	2	14	30						
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LINGAYA'S VIDYAPEETH

SCHEME OF STUDIES

SESSION: 2023-24

School: School of Engineering & Technology								Batch: 2023-27					
Department: CSE								Year:1 st					
Course: B.Tech								Semester: II					
S N	Cate- gory	Course Code	Course Name	Periods			Credi ts	Evaluation Scheme					Subject Total Marks
				L	T	P		Theory			Practical		
								ABQ	MSE	ESE	IP	EXP	
1	BSC	BS-108	Mathematics-II	3	1	0	4	15	25	60	-	-	100
2	PCC	CS-106	Object Oriented Programming Using Java	3	0	0	3	15	25	60	-	-	100
3	PCC	CS-206	Database Management System	3	0	0	3	15	25	60	-	-	100
4	PCC	CS-202	Operating System	3	0	0	3	15	25	60	-	-	100
5	BSC	BS-110	Environment Science and Chemistry	3	0	0	3	15	25	60	-	-	100
6	ESC	ME-152	Engineering Graphics Lab	0	0	2	1				60	40	100
7	PCC	CS-156	Object Oriented Programming Using Java Lab	0	0	2	1				60	40	100
8	PCC	CS-256	Database Management System Lab	0	0	2	1				60	40	100
9	PCC	CS-252	Operating System Lab	0	0	2	1				60	40	100
10	BSC	BS-106	Environment Science and Chemistry Lab	0	0	2	1				60	40	100
11	PDP	PEP- 102	Universal Human Values	2	0	0	2						
12				3	0	0	3						
13			General Proficiency	2	0	0	2						
Total---->				22	01	10	28						



LINGAYA'S VIDYAPEETH

SCHEME OF STUDIES

SESSION: 2024-25

School: School of Computer Science & Information Technology								Batch: 2023-27					
Department: CSE								Year:2 nd					
Course: B.Tech								Semester: III					
S N	Cate- gory	Course Code	Course Name	Periods			Cred its	Evaluation Scheme					Subject Total Marks
				L	T	P		Theory			Practical		
								AB Q	MSE	ES E	IP	EX P	
1	BSC	EC-203C	Digital Electronics	3	0	0	3	15	25	60	-	-	100
2	PCC	CS-205	Python Programming	3	0	0	3	15	25	60	-	-	100
3	PCC	CS-210	Web & Internet Technology	3	0	0	3	15	25	60	-	-	100
4	PCC	CS-209	Discrete Mathematics & Graph Theory	3	1	0	4	15	25	60	-	-	100
5	PCC	CS-305	Artificial Intelligence	3	0	0	3	15	25	60	-	-	100
6	PCC	CS-304	Software Engineering	3	0	0	3						
7	PCC	CS-103	Data Structure Using C	3	0	0	3	15	25	60	-	-	100
8	PCC	CS-153	Data Structure Using C Lab	0	0	2	1				60	40	100
9	PCC	CS-255	Python Programming Lab	0	0	2	1				60	40	100
10	PCC	CS-260	Web & Internet Technology Lab	0	0	2	1				60	40	100
11	BS	EC-253C	Digital Electronics Lab	0	0	2	1				60	40	100
12	PCC	CS-355	Artificial Intelligence Lab	0	0	2	1				60	40	100
13	PDP	PDP	Soft Skill -I	0	0	2	1			40		60	100
14			General Proficiency	2	0	0	2						
15	PEC	VAC-101	Valued Added-I										
16			Yoga										
Total---->				21	2	10	30						

***MOOC/NPTEL:** Student is required to do certification on any MOOC Course of his/her choice running during the time period of semester on SWAYAM portal & submit the certificate.



LINGAYA'S VIDYAPEETH

SCHEME OF STUDIES

SESSION: 2024-25

School: School of Science & Information Technology								Batch: 2023-27					
Department: CSE								Year: 2 nd					
Course: B.Tech								Semester: IV					
S N	Cate- gory	Course Code	Course Name	Periods			Credit s	Evaluation Scheme					Subject Total Marks
				L	T	P		Theory			Practical		
								A B Q	MSE	ESE	IP	EXP	
1	PCC	CS-214	Data Mining Techniques	3	0	0	3	15	25	60	-	-	100
2	PCC	CS-212	Design and Analysis of Algorithm	3	1	0	4	15	25	60	-	-	100
3	PCC	CS-319	Computer Network & Security	3	1	0	4	15	25	60	-	-	100
4	PCC	CS-322	Computer Graphics	3	0	0	3						
5	PCC	CS-307	Machine Learning	3	0	0	3	15	25	60	-	-	100
	PCC	CS-216	Internet of Things	3	0	0	3						
6	PCC	CS-303	Formal Language Automata Theory	3	1	0	4	15	25	60	-	-	100
7	PCC	CS-372	Computer Graphics Lab	0	0	2	1						
8	PCC	CS-357	Machine Learning Lab	0	0	2	1				60	40	100
9		RA-101	Reasoning & Aptitude	1	0	0	1					50	50
10			General Proficiency	2	0	0	2						
11	PEC		Value Added-II										
Total---->				24	3	4	29						

***EDU SKILL** : Student is required to do certification on any EDU Skill Course of his/her choice running during the time period of semester submit the certificate.



LINGAYA'S VIDYAPEETH

SCHEME OF STUDIES

SESSION: 2025-26

School: School								Science & Information Technology					Batch: 2023-27	
Department: CSE													Year:3rd	
Course: B.Tech													Semester: V	
S N	Cat e- gory	Course Code	Course Name	Periods			Cr ed its	Evaluation Scheme					Subject Total Marks	
				L	T	P		Theory			Practical			
								ABQ	MSE	ES E	IP	EX P		
1	PCC	CS-421	Cloud Computing	3	0	0	3	15	25	60	-	-	100	
2	PCC	CS-311	ANN & Fuzzy Logic	3	0	0	3	15	25	60	-	-	100	
3	DE		Elective-I	3	0	0	3	15	25	60	-	-	100	
4	OE	CS-408	Fundamental of Cyber Security	3	0	0	3	15	25	60	-	-	100	
	PCC	CS-308	Compiler Design	3	0	0	3	15	25	60	-	-	100	
5	PCC	CS-361	ANN & Fuzzy Logic Lab	0	0	2	1				60	40	100	
6	PRO J	PROJ- 301	Capstone Project-I	0	0	4	2					100	100	
7	PDP	PDP-301	Leadership & Entrepreneurship Development	0	0	2	1			40		60	100	
8	PEC		Value Added -III											
Total---->				15	0	8	20							

***MOOC/NPTEL:** Student is required to do certification on any MOOC Course of his/her choice running during the time period of semester on SWAYAM portal & submit the certificate.



LINGAYA'S VIDYAPEETH

SCHEME OF STUDIES

SESSION: 2025-26

School: School of Computer Science & Information Technology								Batch: 2023-27					
Department: CSE								Year:3 rd					
Course: B. Tech								Semester: VI					
SN	Category	Course Code	Course Name	Periods			Credits	Evaluation Scheme					Subject Total Marks
				L	T	P		Theory			Practical		
								ABQ	MSE	ESE	IP	EXP	
1			Major Basket	4	0	0	4	15	25	60	-	-	100
2			Major Basket	4	0	0	4						
3			Minor Basket	4	0	0	4						
4			Dept. Elective II	3	0	0	3						
5	PROJ	PROJ-302	Capstone Project-II	0	0	4	2					100	100
6	PDP	PDP-302	Problem Solving Skills	0	0	2	1			40		60	100
7	PEC		Value Added-IV										
Total---->				15	0	6	18						

***EDU SKILL** : Student is required to do certification on any EDU Skill Course of his/her choice running during the time period of semester submit the certificate.

Abbreviations

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PCC: Programme Core Courses

PEC: Programme Elective Courses

PROJ: Project

PDP: Personality Development Programme

L: Lecture

ABQ: Assignment Based Quiz

MSE: Mid Semester Examination

ESE: End Semester Examination

IP: Internal Practical

EXP: External Practical



LINGAYA'S VIDYAPEETH

SCHEME OF STUDIES

SESSION: 2026-27

School: School of Science & Information Technology								Batch: 2023-27					
Department: CSE								Year: 4 th					
Course: B.Tech								Semester: VII					
S N	Cate- gory	Cours e Code	Course Name	Periods			Cr edi ts	Evaluation Scheme					Subject Total Marks
				L	T	P		Theory			Practical		
								ABQ	MSE	ESE	IP	EXP	
1			Major Basket	4	0	0	4	15	25	60	-	-	100
2			Major Basket	4	0	0	4	15	25	60	-	-	100
3			Minor Basket	4	0	0	4	15	25	60	-	-	100
4			Dept. Elective III	3	0	0	3	15	25	60	-	-	100
5	PROJ	PROJ-401	Capstone Project-III	0	0	8	4					100	100
6	PDP	PD-401	Campus to Corporate	0	0	2	1			40		60	100
Total---->				15	0	10	20						

***MOOC/NPTEL:** Student is required to do certification on any MOOC Course of his/her choice running during the time period of semester on SWAYAM portal & submit the certificate.

Abbreviations:

PCC: Programme Core Courses
 PEC: Programme Elective Courses
 PROJ: Project
 PDP: Personality Development Programme
 L: Lecture
 T: Tutorial
 P: Practical

ABQ: Assignment Based Quiz
 MSE: Mid Semester Examination
 ESE: End Semester Examination
 IP: Internal Practical
 EXP: External Practical



LINGAYA'S VIDYAPEETH

SCHEME OF STUDIES

SESSION: 2026-27

School: School of Science & Information Technology							Batch:2023-27						
Department: CSE							Year:4 th						
Course: B.Tech							Semester: VIII						
SN	Cate- gory	Course Code	Course Name	Periods			Cre dits	Evaluation Scheme					Subject Total Marks
				L	T	P		Theory			Practical		
								ABQ	MSE	ESE	IP	EXP	
1	PROJ	CS-490	Major Project/ Internship	0	0	28	14	-	-	-	-	100	100
2	PCC	CS-492	Seminar	0	0	8	4	-	-	-	-	100	100
Total---->				0	0	36	18						

Abbreviations:

PCC: Programme Core Courses	ABQ: Assignment Based Quiz
PEC: Programme Elective Courses	MSE: Mid Semester Examination
PROJ: Project	ESE: End Semester Examination
PDP: Personality Development Programme	IP: Internal Practical
L: Lecture	EXP: External Practical
T: Tutorial	PSC: Program Skill Course
P: Practical	



LINGAYA'S VIDYAPEETH

SCHEME OF STUDIES

Departmental Elective

	Code	Subject
Elective-I	CS-419	Blockchain Technology
		Introduction to Data Science
Elective-II	CS-312	Computer Vision
		Information Security
Elective-III	CS-415	High-Dimensional Data Analytics
	CS-417	Nature Inspired Computing
		Neural Network

Value Added-I

S.No	Course Code	Course Name
1	VAC-101	Advance Excel

Value Added-II

S.No	Course Code	Course Name
1	VAC-201	Investment Avenue
2	VAC-202	Trading & Investment in Stock Market

Value Added-III		
S.No	Course Code	Course Name
1	VAC-301	Introduction to Research

Value Added-IV		
S.No	Course Code	Course Name
1	VAC-401	Interview Skills
2	VAC-402	Introduction to Research - I