Summer-25

Course Slot Report for Even Semester for Session 2024-25 (Summer 2025) Visvesvaraya National Institute of Tec. 10logy, Nagpur

B. Tech. in Computer Science Engineering

IV Semester

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X	01		ECL208	CSL303	MAL203	ECL215	EEL211		CSP202	MAL206	CSL222	CSL214	CSL204	Code
Data structure and	Data Structures	Total Credits (DC + DE)	ANALOG CIRCUITS	(100M)	NUMERICAL METHODS AND COMPUTATION	SIGNALS AND SYSTEMS	CONTROL SYSTEMS	Elective Courses (Any one)	SOFTWARE LAB-II	LINEAR ALGEBRA & APPLICATIONS	COMPUTER ORGANISATION	DATA STRUCTURES AND PROGRAM DESIGN-II	CONCEPTS IN PROGARMMING LANGUAGES	Course Title / Name
Minn	00		ДЕ	GY DE	DE	DE	DE		DC	DC	DC	DC	DC	Туре
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	S × S		70	408		Zo	No		Yes.	100	Yes	Yes	Yes	Offered (YES / NO)
	× 0		YES/NO	YES/NO	YES/NO	YES/NO	YES/NO		YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	Selection
	MAR		1×	330	maths Dep	  X	X		71/	maths Dep.	SAR/	REK/MAR	UAD/SJ	Name of Course Coordinator
		1												Max No. Of Students

#### 16-10-2024

### Course Slot Report for Even Semester for Session 2024-25 (Summer 2025) Visvesvaraya National Institute of Tec. Lology, Nagpur

VI Semester

11 Sr. É 9 8 7 6 S 4 S 2 -130 CSL450 INTRODUCTION TO MACHINE LEARNING CSL426 MAL304 | FINANCIAL MATHEMATICS CSL225 CSL444 CSL3# CSL326 CSP302 | SOFTWARE LAB - IV CSL316 LANGUAGE PROCESSORS CSL315 CSL308 | SOFTWARE ENGINEERING Code GAME THEORY IMAGE PROCESSING AND UNDERSTANDING ADVANCED WEB PROGRAMMING STEGANOGRAPHY & DIGITAL WATERMARKING concepts of operations DATABASE MANAGEMENT SYSTEMS GOMPUTER NETWORKS analytical and computational Finance Elective Courses / HM (Any one) Total Credits (DC + DE) Course Title / Name OC/HM いてい CSystem Network 0 OC/HM D Type DE DE DE DE DE DC T DE DC DC DC Credit 20 W  $\omega$  $\omega$ ω 4 3 W 2 4 4 4 Exam I T 8 Slot P 200 400 201 (YES / NO) 100 200 400 2 400 **Offered** Z Z YES/NO YES/NO YES/NO YES/NO YES/NO Selection YES/NO YES/NO YES/NO YES/NO YES/NO YES/NO 1 STA/NL Name of Course Coordinator AT/ PAS CS/NDO AS3 STA D D D AA X PYZP ヤス Max No. Of Students

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### Visvesvaraya National Institute of Tec...nology, Nagpur Course Slot Report for Even Semester for Session 2024-25 (Summer 2025)

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VIII Semester

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16	15	14	13	12	11	10	9	8	7	6	u	4	ω	2		12	Sr. No.
CSL426	CSL502	CSL537	CSL413	CSL519	CSL447	CSL521	CSL439	CSL437	CSL431	CSL430	CSL411	CSL407	CSL410	CSL409		CSD402	Code
GAME THEORY CASH	DEEP LEARNING	NATURAL LANGUAGE PROCESSING	NUMBER THEORY & MODERN CRYPTOGRAPHY	DISTRIBUTED SYSTEMS	INTRODUCTION TO PARALLEL COMPUTING	SOFTWARE ARCHITECTURE	HUMAN COMPUTER INTERFACE	ENTERPRISE RESOURCE PLANNING	INTRODUCTION TO CLOUD COMPUTING	BUSINESS INTELLIGENCE	SOFTWARE PROJECT MANAGEMENT	DATA MINING AND DATA WAREHOUSING	TOPICS IN GRAPH THEORY	TOPICS IN DISTRIBUTED SYSTEMS	Elective + OC (Min. credits to be earned 15)	PROJECT PHASE-II	Course Title / Name
DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE		DC	Туре
ω	4	4	4	4	4	ω	ω	ω	ω	4	ω	4	ω	4		4	Credit
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YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO		YES/NO	Selection
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# Visvesvaraya National Institute of Tec...lology, Nagpur

16-10-2024

Course Slot Report for Even Semester for Session 2024-25 (Summer 2025)

17	CSL428	PROGRAM ANALYSIS	DE .	ω	3		YES/NO
19	CSL530	TOPICS IN BIOINFORMATICS	DE	ω	3	YES/NO	1 × 1
20	CSL450		DE	ω	(	YES/NO	
21	CSL526		DE	4		YES/NO	
		OC / HM	ос/нм	ω		,	
		Total Credits (DC + DE)		19			
	151543	estous Advanced to pie in	The Date of the Da	P	Ves .	Yes	サイスや・
		Computational Finance	DE	W	1		
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		uting	2 30			A STATE OF THE PROPERTY OF THE	

### Visvesvaraya National Institute of Tec 2010gy, Nagpur Course Slot Report for Even Semester for Session 2024-25 (Summer 2025)

## M. Tech. in Computer Science Engineering

#### II Semester

No.         Code         Course Title / Name         Type         Credit         Same of Course Coordinator         Max No. 01           1         CSL519         DISTRIBUTED SYSTEMS         DC         4         FE         Sinct         VES/NO)         UAAD         Sinct of Since Of Solection           2         CSL520         ADVANCED DRBMS         DC         4         A         VES/NO         UAAD         Sindents           3         CSL520         ADVANCED DRBMS         DC         4         A         VES/NO         UAAD         Sindents           4         CSPO4         SOFTWARE LAB-II         DC         2         Cq         VES/NO         HAD         SAS           5         CSA501         INDUSTRIAL SEMINAR         AU         0         -         VES/NO         HAD         SAS           6         CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         VES/NO         HAD         VES/NO         HAD         VES/NO         HAD         VES/NO         WES/NO         HAD         WES/NO         HAD         VES/NO         HAD         VES/NO         WES/NO         HAD         WES/NO         WES/NO         HAD         WES/NO         WES/NO         HAD         WE		1	Approximately 1								
Code         Course Title / Name         Type         Credit         Exam (NES / NO)         Offered (NES / NO)         Selection         Name of Course Coordinator           CSL519         DISTRIBUTED SYSTEMS         DC         4         TE         YES/NO         UAD           CSL520         ADVANCED DBMS         DC         4         A         YES/NO         UAD           CSL528         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         3         C         YES/NO         PSD           CSL528         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         2         Cyl         YES/NO         PSD           CSL521         SOFTWARE LAB-II         DC         3         C         YES/NO         HD           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES/NO         HD           CSL521         ADVANCES IN DATA MINING         DE         3         HO         YES/NO         HD           CSL521         MOBILE COMMUNICATION SYSTEMS         DE         3         HO         YES/NO         X           CSL524         REALTIME SYSTEMS         DE         3         HO         YES/NO         X           CSL526         GAMETHEORY         DE         3<	_	TX 1	YES/NO			ω	DE	UTER ARCHITECTURE	ADVANCED COMPL		14
Code         Course Title / Name         Type         Credit         Exam (PES/NO)         Offered (PES/NO)         Selection         Name of Course Coordinator           CSL519         DISTRIBUTED SYSTEMS         DC         4         E         YES/NO         UAD           CSL520         ADVANCED DBMS         DC         4         A         YES/NO         UAD           CSL528         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         3         P         YES/NO         PSD           CSA501         SOFTWARE LAB-II         DC         2         CM         YES/NO         HD           CSA501         INDUSTRIAL SEMINAR         AU         0         —         YES/NO         HD           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES/NO         HD           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES/NO         HD           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES/NO         HD           CSL521         MOBILE COMMUNICATION SYSTEMS         DE         3         HO         YES/NO         X           CSL522         REALTIME SYSTEMS         DE         3		1× 1	YES/NO			ω	DE	SIS	PROGRAM ANALYS		13
Code   Course Title / Name   Type   Credit   Siot   VIES / NO)   Course Coordinator   CSL519   DISTRIBUTED SYSTEMS   DC   4   E   VIES / NO   UAD		1 1 L	YES/NO		,	ω	DE		GAME THEORY	-	12
CODE         COURSE TITLE / Name         Type         Credit Slot         Exam (YES / NO)         Offered YES / NO)         Selection         Name of Course Coordinator           CSL519         DISTRIBUTED SYSTEMS         DC         4         E         YES / NO)         UAD           CSL520         ADVANCED DBMS         DC         4         E         YES / NO         UAD           CSL528         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         3         C         YES / NO         PSD         YES / NO           CSD504         SOFTWARE LAB-II         DC         2         CH         YES / NO         PSD         YES / NO           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES / NO         HOD / CSE           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES / NO         HOD / CSE           CSL521         ADVANCES IN DATA MINING         DE         3         HO         YES / NO         HOD / CSE           CSL524         REAL TIME SYSTEMS         DE         3         HO         YES / NO         X		AMP	YES/NO	200	D/H	4	DE		DEEP LEARNING		
CODE         COURSE TITLE / Name         Type         Credit         Exam Slot         Offered VES / NO)         Selection           CSL519         DISTRIBUTED SYSTEMS         DC         4         E         YES / NO)         YES / NO           CSL520         ADVANCED DBMS         DC         4         A         YES / NO         YES / NO           CSL521         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         3         P         YES / NO           CSD504         SOFTWARE LAB-II         DC         2         Q         YES / NO           CSA501         INDUSTRIAL SEMINAR         AU         0         D         YES / NO           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES / NO           CSL521         ADVANCES IN DATA MINING         DE         3         HO         YES / NO           CSL537         NATURAL LANGUAGE PROCESSING         DE         3         HO         YES / NO         YES / NO           CSL531         MOBILE COMMUNICATION SYSTEMS         DE         3         HO         YES / NO         YES / NO			YES/NO	Zo.		ω	DE	MS	REAL TIME SYSTE	CSL524	10
Code         Course Title / Name         Type         Credit         Exam (YES / NO)         Offered (YES / NO)         Selection           CSL519         DISTRIBUTED SYSTEMS         DC         4         E         YES / NO         YES / NO           CSL520         ADVANCED DBMS         DC         4         A         YES / NO         YES / NO           CSL521         CSL522         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         3         C         4         A         YES / NO         YES / NO           CSP504         SOFTWARE LAB-II         DC         2         Cq         YES / NO         YES / NO           CSA501         INDUSTRIAL SEMINAR         AU         0         —         YES / NO         YES / NO           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES / NO         YES / NO           CSL537         ADVANCES IN DATA MINING         DE         3         HO         YES / NO         YES / NO           CSL537         NATURAL LANGUAGE PROCESSING         DE         3         HO         YES / NO         YES / NO			YES/NO	Z	• 7	ω	DE	IICATION SYSTEMS	MOBILE COMMUN	CSL515	9
Code         Course Title / Name         Type         Credit Slot         Exam (YES / NO)         Offered (YES / NO)         Selection           CSL519         DISTRIBUTED SYSTEMS         DC         4         E         YES / NO         YES / NO           CSL520         ADVANCED DBMS         DC         4         A         YES / NO         YES / NO           CSL528         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         3         C         YES / NO         YES / NO           CSP504         SOFTWARE LAB-II         DC         2         Cy         YES / NO         YES / NO           CSA501         INDUSTRIAL SEMINAR         AU         0         —         YES / NO         YES / NO           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         HO         YES / NO           CSL521         ADVANCES IN DATA MINING         DE         3         HO         YES / NO         YES / NO			YES/NO	No		4	DE	AGE PROCESSING	NATURAL LANGU	CSL537	8
Code         Course Title / Name         Type         Credit         Exam (YES / NO)         Offered (YES / NO)         Selection           CSL519         DISTRIBUTED SYSTEMS         DC         4         E         YES/NO         YES/NO           CSL520         ADVANCED DBMS         DC         4         A         YES/NO         YES/NO           CSL528         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         3         C         YES/NO           CSP504         SOFTWARE LAB-II         DC         2         Cq         YES/NO           CSA501         INDUSTRIAL SEMINAR         AU         0         —         YES/NO           CSA501         INDUSTRIAL SEMINAR         BC         3         HO         YES/NO           CSL521         SOFTWARE ARCHITECTURE         DE         3         HO         YES/NO		ALX 1	YES/NO	て		ω	DE	TA MINING	ADVANCES IN DAT	CSL511	. 7
CODE         COURSE TITLE / Name         Type         Credit Slot         Exam (YES / NO)         Offered (YES / NO)         Selection           CSL519         DISTRIBUTED SYSTEMS         DC         4         E         YES / NO         YES / NO           CSL520         ADVANCED DBMS         DC         4         A         YES / NO         YES / NO           CSL528         CRYPTOGRAPHY AND INFORMATION SECURITY         DC         3         C         YES / NO         YES / NO           CSP504         SOFTWARE LAB-II         DC         2         CH         YES / NO         YES / NO           CSA501         INDUSTRIAL SEMINAR         AU         0         —         YES / NO         YES / NO		T X	YES/NO	I		ω	DE	ITECTURE	SOFTWARE ARCHI	CSL521	6
Code     Course Title / Name     Type     Credit     Exam Slot     Offered (YES / NO)     Selection       CSL519     DISTRIBUTED SYSTEMS     DC     4     E     YES/NO     YES/NO       CSL520     ADVANCED DBMS     DC     4     A     YES/NO     YES/NO       CSL528     CRYPTOGRAPHY AND INFORMATION SECURITY     DC     3     A     YES/NO     YES/NO       CSP504     SOFTWARE LAB-II     DC     2     A     YES/NO     YES/NO       CSA501     INDUSTRIAL SEMINAR     AU     0     —     YES/NO								ctive Courses (Any one)	Elec		
Code       Course Title / Name       Type       Credit Slot       Exam (YES / NO)       Offered (YES / NO)       Selection         CSL519       DISTRIBUTED SYSTEMS       DC       4       E       YES / NO       YES / NO         CSL520       ADVANCED DBMS       DC       4       A       YES / NO       YES / NO         CSL528       CRYPTOGRAPHY AND INFORMATION SECURITY       DC       3       A       YES / NO       YES / NO         CSP504       SOFTWARE LAB-II       DC       2       C4       YES / NO       YES / NO		HODICSE	YES/NO			0	AU	INAR	INDUSTRIAL SEMI	CSA501	Ω
Code       Code       Course Title / Name       Type       Credit Slot       Exam (YES / NO)       Offered (YES / NO)       Selection         CSL519       DISTRIBUTED SYSTEMS       DC       4       E       YES / NO       YES / NO         CSL520       ADVANCED DBMS       DC       4       A       YES / NO       YES / NO         CSL528       CRYPTOGRAPHY AND INFORMATION SECURITY       DC       3       A       YES / NO       YES / NO		IV	YES/NO		6	2	ĎС		SOFTWARE LAB-II	CSP504	4
Code       Course Title / Name       Type       Credit Slot       Exam (YES / NO)       Offered (YES / NO)       Selection         CSL519       DISTRIBUTED SYSTEMS       DC       4       E       YES / NO       YES / NO         CSL520       ADVANCED DBMS       DC       4       A       YES / NO       YES / NO		(C)	YES/NO		T	ω	DC	AND INFORMATION SECURITY	CRYPTOGRAPHY /	CSL528	ω
Code       Course Title / Name       Type       Credit Slot       Exam (YES / NO)       Offered (YES / NO)       Selection         CSL519       DISTRIBUTED SYSTEMS       DC       4       E       YES/NO		PSD	YES/NO		A	4	DC		ADVANCED DBMS	CSL520	2
Code Course Title / Name Type Credit Slot (YES / NO) Selection		UAD	YES/NO		Ш	4	DC	STEMS	DISTRIBUTED SYS	CSL519	1
		Name of Course Coordinator	Selection	Offered (YES / NO)		Credit	Туре	Course Title / Name		Code	No.

16-10-2024

# Visvesvaraya National Institute of Tecl ology, Nagpur

Course Slot Report for Even Semester for Session 2024-25 (Summer 2025)

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	20		20	19	18	17	16	15
	200		CSL526	CSL544	CSL444	CSL532	CSL530	CSL447
Interstuction to Blockchains	Advanced Tapiles in	Total Credits (DC + DE)	CSL526 LEARNING FROM SOFTWARE TECHNICAL HISTORY	ADVANCES IN DATA MINING AND DATA ANALYTICS	CSL444 IMAGE PROCESSING AND UNDERSTANDING	MATHEMATICS FOR MACHINE LEARNING	CSL530 TOPICS IN BIOINFORMATICS	CSL447 INTRODUCTION TO PARALLEL COMPUTING
THE	R		DE	DE	DE	DE	DE	DE
(N	W	21-22	4	4	4	4	ω	4
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management to constrain and agreement to the constraint of the con	Yes		YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO
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Course Slot Report for Even Semester for Session 2024-25 (Summer 2025) Visvesvaraya National Institute of Tec. ology, Nagpur

**IV Semester** 



No. Sr. CSD502 PROJECT PHASE - II Code Course Title / Name #N/A Type DC Credit 6 6 Exam Slot (YES / NO) Offered Offered Selection YES/NO Name of Course Coordinator Max No. Of Students