

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI		
SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI		
K.K. COLLEGE OF ENGINEERING & MANAGEMENT , DHANBAD		
B.TECH 4TH SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION-2025		
HELD IN THE MONTH OF SEPTEMBER-2025		
PAPER CODE	PASSING HEAD	PAPERS
CS401	OPERATING SYSTEM	THEORY
CS402	DESIGN AND ANALYSIS OF ALGORITHMS	THEORY
CS403	FORMAL LANGUAGE AND AUTOMATA THEORY	THEORY
BSC401	DISCRETE MATHEMATICS	THEORY
IT401	DATABASE MANAGEMENT SYSTEMS	THEORY
EN401/IT402	ENGINEERING ECONOMICS/CYBER SECURITY	THEORY
CS401P	OPERATING SYSTEM LAB	PRACTICAL
CS402P	DESIGN AND ANALYSIS OF ALGORITHMS LAB	PRACTICAL
CS403P	FORMAL LANGUAGE AND AUTOMATA THEORY LAB	PRACTICAL
EX401	EXTRA ACTIVITIES (NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT)	PRACTICAL
IN401	INTERNSHIP/TOUR & TRAINING/INDUSTRIAL TRAINING	PRACTICAL

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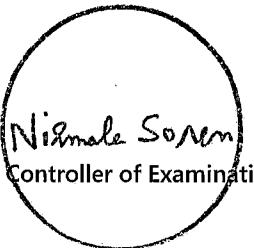
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Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21			
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545			
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305			
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850		
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-					
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335			
21032440007 GOUTAM KUMBHAKAR	FIN / EXT TER / INT TOTAL GRADE	- - - -	- - - -	- - - -	- - - -	32 25 57 C+	- - - -	32 25 57	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	57	57		P : IT401
21032445019 RAHUL KUMAR	FIN / EXT TER / INT TOTAL GRADE	- - - -	21 24 45 C	26 26 52 C+	- - - -	- - - -	- - - -	47 50 97	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	97	97		P : CS402 CS403
21032445021 ROHIT KUMAR HARI	FIN / EXT TER / INT TOTAL GRADE	- - - -	- - - -	- - - -	- - - -	21 24 45 C	- - - -	21 24 45	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	45	45		P : IT401
22032440001 ABHIJEET MAHATO	FIN / EXT TER / INT TOTAL GRADE	21 25 46 C	15* 24 39 F	0* 26 26* F	25 25 50 C+	0* 25 25* F	- - - -	61 125 186	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	186	186		P : BSC401 CS401 F : CS402 CS403 IT401
22032440003 AKASH CHOUDHARY	FIN / EXT TER / INT TOTAL GRADE	23 25 48 C	- - - -	- - - -	- - - -	- - - -	- - - -	23 25 48	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	48	48		P : CS401
22032440006 ANJAN MUKHERJEE	FIN / EXT TER / INT TOTAL GRADE	21 25 46 C	- - - -	- - - -	- - - -	- - - -	- - - -	21 25 46	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	46	46		P : CS401
22032440009 ASHISH KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	21 24 45 C	- - - -	- - - -	- - - -	- - - -	- - - -	21 24 45	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	45	45		P : CS401
22032440012 DHANANJAY KUMAR	FIN / EXT TER / INT TOTAL GRADE	23 26 49 C	- - - -	- - - -	- - - -	- - - -	- - - -	23 26 49	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	49	49		P : CS401
22032440013 DHIRAJ YADAV	FIN / EXT TER / INT TOTAL GRADE	21 25 46 C	- - - -	21 26 47 C	- - - -	21 25 46 C	- - - -	63 102 165	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	165	165		P : CS401 CS403 IT401 F : IT402
22032440016 MD OSIM SHEKH	FIN / EXT TER / INT TOTAL GRADE	11* 25 36 F	- - - -	- - - -	- - - -	- - - -	- - - -	11 25 36	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0	36	36		F : CS401

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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 Preparer
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 Nirmala Soren
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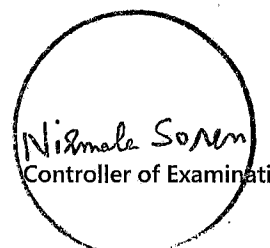
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Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21			
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545			
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305			
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850		
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-					
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335			
22032440019 PINTU KUMAR	FIN / EXT TER / INT TOTAL GRADE	- - - -	18* 24 42 F	- - - -	- - - -	- - - -	- - - -	18 24 42 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	42	42		F : CS402
22032440021 PRIYANKA KUMARI	FIN / EXT TER / INT TOTAL GRADE	- - - -	26 24 50 C+	28 26 54 C+	- - - -	43 24 67 B	- - - -	38 27 65 B	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	236	236		P : CS402 CS403 IT401 IT402
22032440022 RAHUL KUMBHAKAR	FIN / EXT TER / INT TOTAL GRADE	25 26 51 C+	0* 24 24* F	- - - -	- - - -	- - - -	- - - -	25 50 75 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	75	75		P : CS401 F : CS402
22032440023 RAJAT KUMAR	FIN / EXT TER / INT TOTAL GRADE	21 25 46 C	13* 25 38 F	- - - -	- - - -	- - - -	- - - -	34 50 84 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	84	84		P : CS401 F : CS402
22032440025 SAHABUDDIN ANSARI	FIN / EXT TER / INT TOTAL GRADE	- - - -	30 26 56 C+	- - - -	- - - -	- - - -	- - - -	30 26 56 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	56	56		P : CS402
22032440027 SANTOSH KUMAR PASWAN	FIN / EXT TER / INT TOTAL GRADE	22 26 48 C	22 26 48 C	- - - -	- - - -	- - - -	- - - -	44 52 96 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	96	96		P : CS401 CS402
22032440028 SAURAV KUMAR	FIN / EXT TER / INT TOTAL GRADE	22 24 46 C	- - - -	- - - -	- - - -	- - - -	- - - -	22 24 46 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	46	46		P : CS401
22032440029 SHIVAM VISHWAKARMA	FIN / EXT TER / INT TOTAL GRADE	21 26 47 C	12* 26 38 F	- - - -	- - - -	- - - -	- - - -	33 52 85 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	85	85		P : CS401 F : CS402
22032440031 SUMIT KUMAR YADAV	FIN / EXT TER / INT TOTAL GRADE	23 26 49 C	14* 26 40 F	- - - -	- - - -	- - - -	- - - -	37 52 89 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	89	89		P : CS401 F : CS402
22032440032 VIVEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	24 25 49 C	- - - -	- - - -	- - - -	- - - -	- - - -	24 25 49 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	49	49		P : CS401

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SGPA= $\sum$ Semester(Course credits * Grade point) for all courses / $\sum$ Semester(Course credits)	90% $\geq$ A+	CS401	CS402	CS403	BSC401	IT401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P / IT401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21			
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545			
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305			
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850		
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-					
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335			
22032445004 ADITYA KUMAR	FIN / EXT TER / INT TOTAL GRADE	- - - -	- - - -	- - - -	- - - -	30 25 55 C+	- - - -	30 25 55 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	55	55		P : IT401
22032445005 AJIT KUMAR MAHATO	FIN / EXT TER / INT TOTAL GRADE	- - - -	- - - -	21 26 47 C	- - - -	- - - -	- - - -	21 26 47 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	47	47		P : CS403
22032445006 ANJALI KUMARI	FIN / EXT TER / INT TOTAL GRADE	- - - -	0* 25 25* F	0* 25 25* F	- - - -	- - - -	- - - -	0 50 50 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	50	50		F : CS402 CS403
22032445007 ANKITA DUTTA	FIN / EXT TER / INT TOTAL GRADE	- - - -	23 25 48 C	21 25 46 C	- - - -	- - - -	- - - -	44 50 94 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	94	94		P : CS402 CS403
22032445010 ARPIT KUMAR TRIPATHI	FIN / EXT TER / INT TOTAL GRADE	14* 24 38 F	13* 25 38 F	- - - -	- - - -	- - - -	- - - -	27 49 76 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	76	76		F : CS401 CS402
22032445012 AVISHEK KUMAR MAHATO	FIN / EXT TER / INT TOTAL GRADE	- - - -	21 26 47 C	- - - -	- - - -	- - - -	- - - -	21 26 47 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	47	47		P : CS402
22032445019 MONU KUMAR	FIN / EXT TER / INT TOTAL GRADE	- - - -	17* 25 42 F	- - - -	- - - -	- - - -	- - - -	17 25 42 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	42	42		F : CS402
22032445021 PRITY SINGH	FIN / EXT TER / INT TOTAL GRADE	14* 25 39 F	15* 25 40 F	21 26 47 C	- - - -	- - - -	- - - -	50 76 126 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	126	126		P : CS403 F : CS401 CS402
22032445022 RAHUL KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	- - - -	28 27 55 C+	- - - -	- - - -	- - - -	- - - -	28 27 55 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	55	55		P : CS402
22032445023 RAJAT KUMAR SWARNKAR	FIN / EXT TER / INT TOTAL GRADE	- - - -	- - - -	- - - -	- - - -	- - - -	23 26 49 C	23 26 49 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	49	49		P : IT402

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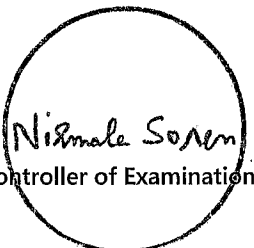
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Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21			
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545			
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305			
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850		
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-					
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335			
22032445027 SANGEETA MANDAL	FIN / EXT TER / INT TOTAL GRADE	- - - -	40 25 65 B	- - - -	- - - -	- - - -	- - - -	40 25 65 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	65	65		P : CS402
22032445028 SANJANA SAHU	FIN / EXT TER / INT TOTAL GRADE	14* 26 40 F	- - - -	- - - -	- - - -	25 25 50 C+	- - - -	39 51 90 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	90	90		P : IT401 F : CS401
22032445029 SANJEEV KUMAR SHARMA	FIN / EXT TER / INT TOTAL GRADE	19* 25 44 F	- - - -	- - - -	23 26 49 C	- - - -	- - - -	42 51 93 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	93	93		P : BSC401 F : CS401
22032445030 SATYAM KUMAR	FIN / EXT TER / INT TOTAL GRADE	21 24 45 C	- - - -	- - - -	- - - -	- - - -	- - - -	21 24 45 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	45	45		P : CS401
22032445031 SIMMI KUMARI	FIN / EXT TER / INT TOTAL GRADE	24 26 50 C+	- - - -	- - - -	- - - -	- - - -	- - - -	24 26 50 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	50	50		P : CS401
22032445033 SOHAN TUDU	FIN / EXT TER / INT TOTAL GRADE	- - - -	32 26 58 C+	- - - -	- - - -	- - - -	- - - -	32 26 58 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	58	58		P : CS402
22032445034 SUBHAM PASWAN	FIN / EXT TER / INT TOTAL GRADE	32 26 58 C+	0* 25 25* F	- - - -	- - - -	- - - -	- - - -	32 51 83 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	83	83		P : CS401 F : CS402
22032445035 SURAJ YADAV	FIN / EXT TER / INT TOTAL GRADE	24 25 49 C	27 25 52 C+	- - - -	- - - -	- - - -	- - - -	51 50 101 -	- - - -	- - - -	- - - -	- - - -	- - - -	0 0 0 -	101	101		P : CS401 CS402

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