

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI

SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI

B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN CHEMICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

PAPER CODE	PASSING HEAD	PAPERS
BSC301	MATH III	THEORY
MT301	MATERIAL ENGINEERING	THEORY
CHE301	FLUID PARTICLE OPERATIONS	THEORY
ME302	FLUID MECHANICS	THEORY
CHE302	HEAT TRANSFER	THEORY
BSC302	ENVIRONMENTAL SCIENCE	THEORY
HS301P	COMMUNICATION SKILLS LAB	PRACTICAL
ME302P	FLUID MECHANICS LAB	PRACTICAL
CHE302P	HEAT TRANSFER LAB	PRACTICAL
CHE301P	FLUID PARTICLE OPERATIONS LAB	PRACTICAL
EX301P	EXTRA ACTIVITIES(NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT	PRACTICAL

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Pages : 1 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	1	5	21				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-						
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	20030420001 ABHINAV ANAND	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	62 24 86 A	63 25 88 A	63 25 88 A	64 26 90 A+	67 29 96 A+	386 158 544 A+	24 25 49 A+	20 17 37 B+	21 20 41 A	21 20 41 A	21 20 41 A	107 102 209	753	753	9.33	PASSED & PROMOTED
	20030420002 ADARSH KUMAR	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	62 24 86 A	64 26 90 A+	67 28 95 A+	63 25 88 A	68 29 97 A+	391 160 551 A	22 22 44 A	20 18 38 B+	22 22 44 A	21 21 42 A	21 21 42 A	106 104 210	761	761	9.43	PASSED & PROMOTED
	20030420003 ADITYA KEDIA	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	61 24 85 A	61 24 85 A	66 28 94 A+	61 24 85 A	67 29 96 A+	383 158 541 A+	22 23 45 A+	19 18 37 B+	21 21 42 A	21 21 42 A	21 21 42 A	104 104 208	749	749	9.33	PASSED & PROMOTED
	20030420006 AKANKSHIT HEMBROM	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 26 90 A+	64 26 90 A+	65 27 92 A+	63 25 88 A	67 29 96 A+	390 162 552 A+	22 23 45 A+	20 19 39 B+	21 21 42 A	21 21 42 A	21 21 42 A	104 103 207	759	759	9.57	PASSED & PROMOTED
	20030420007 AKASH KUMAR	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	62 25 87 A	62 25 87 A	65 28 93 A+	62 25 87 A	65 28 93 A+	381 159 540 A+	23 24 47 A+	20 18 38 B+	21 22 41 A	22 22 44 A	22 22 44 A	108 106 214	754	754	9.33	PASSED & PROMOTED
	20030420008 AKASH PANDEY	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	62 25 87 A	62 25 87 A	65 27 92 A+	66 28 94 A+	67 29 96 A+	389 163 552 A+	23 23 46 A+	20 18 38 B+	21 20 41 A	22 21 43 A	22 21 43 A	108 103 211	763	763	9.48	PASSED & PROMOTED
	20030420009 ANEESHA LIZA LAKRA	FIN / EXT TER / INT TOTAL GRADE	62 28 90 A+	58 24 82 A	59 25 84 A	61 27 88 A	55 22 77 B+	63 29 92 A+	358 155 513 A+	23 24 47 A+	19 17 36 B+	20 19 39 B+	21 21 42 A	21 21 42 A	104 102 206	719	719	9.00	PASSED & PROMOTED
	20030420010 ANIMA KHALKHO	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	63 25 88 A	68 29 97 A+	60 22 82 A	67 28 95 A+	388 157 545 A+	23 24 47 A+	20 18 38 B+	20 18 38 B+	22 22 44 A	22 22 44 A	107 104 211	756	756	9.29	PASSED & PROMOTED
	20030420011 ANISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	63 25 88 A	65 27 92 A+	61 23 84 A	68 29 97 A+	387 157 544 A	22 22 44 A	20 19 39 B+	20 18 38 B+	21 20 41 A	21 20 41 A	104 99 203	747	747	9.24	PASSED & PROMOTED
	20030420012 ANITA KUMARI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	63 25 88 A	66 28 94 A+	62 24 86 A	68 29 97 A+	389 159 548 A+	23 23 46 A+	20 18 38 B+	21 19 40 A	22 21 43 A	22 21 43 A	108 102 210	758	758	9.33	PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

*Represents candidate couldn't secure minimum requisite marks to pass.

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point		4	3	3	3	3	0	16	1	1	1	1	1	5			
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				
20030420013 ANKIT KUMAR PANDEY	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	65 26 91 A+	64 25 89 A	66 27 93 A+	65 26 91 A+	68 29 97 A+	396 162 558	23 23 46 A+	20 16 36 B+	22 20 42 A	22 20 42 A	22 20 42 A	109 99 208	766	766	9.62		PASSED & PROMOTED
20030420015 ANSHU KUMARI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	63 25 88 A	67 28 95 A+	63 25 88 A	390 159 549	23 23 46 A+	21 18 39 B+	22 20 42 A	22 20 42 A	22 20 42 A	110 101 211	760	760	9.33		PASSED & PROMOTED	
20030420016 ANUPAMA RANI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	63 25 88 A	66 28 94 A+	63 25 88 A	392 162 554	23 23 46 A+	20 18 38 B+	22 21 43 A	23 23 46 A+	23 24 47 A+	111 109 220	774	774	9.57		PASSED & PROMOTED	
20030420017 ANUPRIYA KUMARI	FIN / EXT TER / INT TOTAL GRADE	55 23 78 B+	54 22 76 B+	56 24 80 A	55 23 78 B+	57 25 82 A	334 142 476	22 22 44 A	21 21 42 A	20 19 39 B+	21 20 41 A	21 20 41 A	105 102 207	683	683	8.48		PASSED & PROMOTED	
20030420018 ANURAG UDAYPURI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	63 25 88 A	67 28 95 A+	64 26 90 A+	392 161 553	24 25 49 A+	21 19 40 A	21 20 41 A	22 21 43 A	22 21 43 A	110 106 216	769	769	9.52		PASSED & PROMOTED	
20030420019 ARJUN SRIVASTAVA	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	65 27 92 A+	63 25 88 A	66 28 94 A+	65 27 92 A+	395 165 560	24 25 49 A+	20 17 37 B+	21 20 41 A	22 22 44 A	22 22 44 A	109 106 215	775	775	9.62		PASSED & PROMOTED	
20030420021 ARYAN MADHUR	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	62 24 86 A	67 28 95 A+	64 26 90 A+	393 162 555	23 24 47 A+	20 18 38 B+	21 20 41 A	21 20 41 A	21 20 41 A	106 102 208	763	763	9.62		PASSED & PROMOTED	
20030420022 ASHISH RANJAN	FIN / EXT TER / INT TOTAL GRADE	62 25 87 A	65 28 93 A+	62 25 87 A	65 28 93 A+	60 24 84 A	380 159 539	23 23 46 A+	21 20 41 A	20 18 38 B+	21 20 41 A	21 20 41 A	106 101 207	746	746	9.29		PASSED & PROMOTED	
20030420023 ASHUTOSH KUMAR PANDEY	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	66 27 93 A+	64 25 89 A	67 28 95 A+	66 27 93 A+	399 165 564	23 23 46 A+	20 18 38 B+	21 20 41 A	22 22 44 A	23 24 47 A+	109 107 216	780	780	9.67		PASSED & PROMOTED	
20030420024 ASHWANI KUMAR	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	62 24 86 A	62 24 86 A	65 27 92 A+	65 27 92 A+	383 155 538	23 24 47 A+	20 18 38 B+	21 19 40 A	22 22 44 A	22 22 44 A	108 105 213	751	751	9.29		PASSED & PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	1	5	21				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545		SGPA	CGPA	Remarks
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-						
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	20030420025 AVINASH KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 26 90 A+	63 25 88 A	65 27 92 A+	66 28 94 A+	68 30 98 A+	393 165 558 A+	24 25 49 A+	22 21 43 A	21 19 40 A	22 22 44 A	22 22 44 A	111 109 220	778	778	9.67	PASSED & PROMOTED
	20030420026 AVINAV RAJ SINGH	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	63 25 88 A	64 26 90 A+	64 26 90 A+	67 28 95 A+	390 160 550 A+	24 24 48 A+	21 18 39 B+	22 20 42 A	22 20 42 A	24 24 48 A+	113 106 219	769	769	9.67	PASSED & PROMOTED
	20030420027 BABITA KUMARI	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	58 22 80 A	62 25 87 A	65 28 93 A+	61 24 85 A	67 29 96 A+	378 156 534 A	21 21 42 A	19 17 36 B+	20 19 39 B+	21 20 41 A	21 20 41 A	102 97 199	733	733	9.24	PASSED & PROMOTED
	20030420028 BIKASH MONDAL	FIN / EXT TER / INT TOTAL GRADE	64 28 92 A+	57 22 79 B+	61 25 86 A	60 24 84 A	62 26 88 A	64 28 92 A+	368 153 521 A	22 22 44 A	19 17 36 B+	22 23 45 A+	21 20 41 A	21 20 41 A	105 102 207	728	728	9.05	PASSED & PROMOTED
	20030420029 BINIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	65 27 92 A+	63 25 88 A	66 28 94 A+	62 24 86 A	65 27 92 A+	388 160 548 A	21 21 42 A	20 18 38 B+	20 19 39 B+	21 20 41 A	21 20 41 A	103 98 201	749	749	9.38	PASSED & PROMOTED
	20030420030 BISHNUKANT HANSDA	FIN / EXT TER / INT TOTAL GRADE	61 26 87 A	57 22 79 B+	59 24 83 A	58 23 81 A	59 24 83 A	64 28 92 A+	358 147 505 A	20 20 40 A	20 21 41 A	19 18 37 B+	20 20 40 A	20 20 40 A	99 99 198	703	703	8.81	PASSED & PROMOTED
	20030420031 BRAHMA BAURI	FIN / EXT TER / INT TOTAL GRADE	65 29 94 A+	57 22 79 B+	59 24 83 A	58 23 81 A	59 24 83 A	61 26 87 A	359 148 507 A	21 20 41 A	20 18 38 B+	20 19 39 B+	21 20 41 A	21 20 41 A	103 97 200	707	707	8.95	PASSED & PROMOTED
	20030420032 DIKSHA SINHA	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	62 25 87 A	62 25 87 A	65 27 92 A+	61 24 85 A	67 29 96 A+	384 159 543 A+	23 24 47 A+	19 15 34 B	21 19 40 A	22 21 43 A	22 21 43 A	107 100 207	750	750	9.29	PASSED & PROMOTED
	20030420033 GEETA RANI MARDI	FIN / EXT TER / INT TOTAL GRADE	55 23 78 B+	56 24 80 A	55 23 78 B+	51 20 71 B+	56 24 80 A	61 28 89 A	334 142 476 A+	22 23 45 A+	19 17 36 B+	19 18 37 B+	21 21 42 A	21 21 42 A	102 100 202	678	678	8.48	PASSED & PROMOTED
	20030420034 GORELLA KUMAR	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	60 22 82 A	63 25 88 A	64 26 90 A+	62 24 86 A	67 28 95 A+	384 154 538 A	22 22 44 A	22 22 44 A	20 18 38 B+	22 21 43 A	22 21 43 A	108 104 212	750	750	9.29	PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
90% \geq A+																			
80% - 89% A																			
70% - 79% B+		4	3	3	3	3	0	16	1	1	1	1	1	5	21				
60% - 69% B		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
50% - 59% C+		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
35% - 49% C		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35% F		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Fin. Ext.		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
Pass Marks - Subject																			
20030420035 GOURAV KUMAR	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	63 25 88 A	63 25 88 A	67 28 95 A+	66 27 93 A+	68 29 97 A+	395 163 558	23 24 47 A+	20 18 38 B+	20 18 38 B+	22 22 44 A	22 22 44 A	107 104 211	769	769	9.43		PASSED & PROMOTED
20030420036 HARSH KUMAR JHA	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	65 27 92 A+	63 25 88 A	65 27 92 A+	64 26 90 A+	67 29 96 A+	391 163 554	23 24 47 A+	20 18 38 B+	21 20 41 A	22 21 43 A	22 21 43 A	108 104 212	766	766	9.62		PASSED & PROMOTED
20030420037 HARSH SINGH	FIN / EXT TER / INT TOTAL GRADE	64 27 91 A+	61 24 85 A	62 25 87 A	65 28 93 A+	62 25 87 A	63 26 89 A	377 155 532	23 24 47 A+	22 22 44 A	20 18 38 B+	21 21 42 A	21 21 42 A	107 106 213	745	745	9.33		PASSED & PROMOTED
20030420039 JITENDRA KUMAR RAY	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	63 25 88 A	66 28 94 A+	64 26 90 A+	69 30 99 A+	392 162 554	23 24 47 A+	21 20 41 A	21 20 41 A	22 21 43 A	22 21 43 A	109 106 215	769	769	9.52		PASSED & PROMOTED
20030420040 KIRTI KUMARI	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	60 22 82 A	63 24 87 A	68 29 97 A+	66 27 93 A+	70 30 100 A+	394 160 554	24 25 49 A+	20 17 37 B+	22 21 43 A	23 22 45 A+	23 22 45 A+	112 107 219	773	773	9.57		PASSED & PROMOTED
20030420041 KUMAR GAURAV	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 27 91 A+	62 25 87 A	67 29 96 A+	64 27 91 A+	67 29 96 A+	391 166 557	23 24 47 A+	20 18 38 B+	20 18 38 B+	22 23 45 A+	22 23 45 A+	107 106 213	770	770	9.67		PASSED & PROMOTED
20030420042 KUMAR SATYAM	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	62 24 86 A	63 25 88 A	66 28 94 A+	65 27 92 A+	65 27 92 A+	387 159 546	23 25 48 A+	20 18 38 B+	20 19 39 B+	21 21 42 A	21 21 42 A	105 104 209	755	755	9.43		PASSED & PROMOTED
20030420043 LAJWANTI SAMAD	FIN / EXT TER / INT TOTAL GRADE	64 29 93 A+	59 24 83 A	59 24 83 A	59 24 83 A	59 24 83 A	64 29 93 A+	364 154 518	22 22 44 A	19 17 36 B+	20 18 38 B+	21 21 42 A	21 21 42 A	103 99 202	720	720	9.10		PASSED & PROMOTED
20030420044 MADHU KUMARI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	63 26 89 A	62 25 87 A	64 27 91 A+	60 23 83 A	67 29 96 A+	383 159 542	24 24 48 A+	21 18 39 B+	21 19 40 A	22 20 42 A	22 20 42 A	110 101 211	753	753	9.33		PASSED & PROMOTED
20030420045 MD JUNAID ALAM	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	65 27 92 A+	63 25 88 A	65 27 92 A+	63 25 88 A	67 28 95 A+	391 161 552	24 25 49 A+	24 24 48 A+	21 18 39 B+	22 21 43 A	22 21 43 A	113 109 222	774	774	9.52		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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		Course Credit Point		4	3	3	3	3	0	16	1	1	1	1	1	5			
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				
20030420046 MEDHA SINGH	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	63 25 88 A	64 26 90 A+	65 27 92 A+	67 28 95 A+	391 161 552	24 25 49 A+	21 18 39 B+	21 19 40 A	23 22 45 A+	23 22 45 A+	112 106 218	770	770	9.71		PASSED & PROMOTED
20030420047 MONIKA KUMARI	FIN / EXT TER / INT TOTAL GRADE	40 16 56 C+	51 25 76 B+	45 20 65 B	46 21 67 B	51 25 76 B+	47 22 69 B	280 129 409	16 20 36 B+	15 18 33 B	15 18 33 B	16 20 36 B+	17 22 39 B+	79 98 177	586	586	7.24		PASSED & PROMOTED
20030420048 MUSKAN NAAZ	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	60 22 82 A	64 25 89 A	67 28 95 A+	64 25 89 A	68 29 97 A+	391 158 549	24 24 48 A+	21 18 39 B+	22 20 42 A	23 23 46 A+	23 22 45 A+	113 107 220	769	769	9.43		PASSED & PROMOTED
20030420049 NIDHI KUMARI	FIN / EXT TER / INT TOTAL GRADE	66 29 95 A+	58 22 80 A	61 25 86 A	60 24 84 A	60 24 84 A	65 28 93 A+	370 152 522	23 24 47 A+	21 19 40 A	21 19 40 A	22 21 43 A	22 21 43 A	109 104 213	735	735	9.24		PASSED & PROMOTED
20030420050 NIKHIL RANJAN	FIN / EXT TER / INT TOTAL GRADE	66 29 95 A+	61 25 86 A	61 25 86 A	66 29 95 A+	64 27 91 A+	66 29 95 A+	384 164 548	23 24 47 A+	19 16 35 B+	21 19 40 A	22 21 43 A	22 21 43 A	107 101 208	756	756	9.48		PASSED & PROMOTED
20030420051 NIKITA RANI	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	63 25 88 A	63 25 88 A	63 25 88 A	64 26 90 A+	67 29 96 A+	386 158 544	22 22 44 A	20 18 38 B+	21 20 41 A	22 21 43 A	22 21 43 A	107 102 209	753	753	9.29		PASSED & PROMOTED
20030420052 NISHANT KUMAR YADAV	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	65 27 92 A+	63 25 88 A	65 27 92 A+	66 28 94 A+	68 29 97 A+	395 165 560	24 25 49 A+	21 18 39 B+	22 20 42 A	23 22 45 A+	23 22 45 A+	113 107 220	780	780	9.71		PASSED & PROMOTED
20030420053 NITESH KUMAR MAHATO	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 27 91 A+	62 25 87 A	64 27 91 A+	62 25 87 A	65 28 93 A+	384 161 545	23 24 47 A+	23 24 47 A+	21 20 41 A	22 23 45 A+	22 23 45 A+	111 114 225	770	770	9.67		PASSED & PROMOTED
20030420054 OM PRAKASH	FIN / EXT TER / INT TOTAL GRADE	64 27 91 A+	60 24 84 A	59 23 82 A	64 27 91 A+	62 25 87 A	65 28 93 A+	374 154 528	21 21 42 A	20 18 38 B+	21 21 42 A	22 22 44 A	22 22 44 A	106 104 210	738	738	9.29		PASSED & PROMOTED
20030420055 PAPPU KUMAR RAJAK	FIN / EXT TER / INT TOTAL GRADE	65 27 92 A+	62 25 87 A	62 25 87 A	62 25 87 A	61 24 85 A	67 29 96 A+	379 155 534	21 22 43 A	20 20 40 A	20 19 39 B+	21 22 43 A	21 22 43 A	103 105 208	742	742	9.14		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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B.TECH 3RD SEMESTER IN CHEMICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 6 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	90% \geq A+	4	3	3	3	3	0	16	1	1	1	1	1	5	21				
Full Marks - Final / Ext.	80% - 89% A	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	70% - 79% B+	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	60% - 69% B	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	50% - 59% C+	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	35% - 49% C	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	<35% F																		
20030420057 POOJA KUMARI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	62 25 87 A	61 24 85 A	62 25 87 A	62 25 87 A	67 29 96 A+	381 157 538	23 23 46 A+	22 21 43 A	21 20 41 A	23 23 46 A+	23 23 46 A+	112 110 222	760	760	9.33		PASSED & PROMOTED
20030420058 PREETI KUMARI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	65 26 91 A+	63 25 88 A	67 28 95 A+	66 27 93 A+	397 164 561	23 24 47 A+	20 18 38 B+	21 20 41 A	22 21 43 A	22 21 43 A	108 104 212	773	773	9.62		PASSED & PROMOTED	
20030420060 PRERNA TIRKEY	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	60 23 83 A	62 24 86 A	62 24 86 A	53 17 70 B+	370 145 515	23 24 47 A+	20 17 37 B+	20 18 38 B+	23 23 46 A+	23 23 46 A+	109 105 214	729	729	9.10		PASSED & PROMOTED	
20030420061 RACHIKA CHAWLA	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	65 27 92 A+	63 25 88 A	66 28 94 A+	65 27 92 A+	393 165 558	24 24 48 A+	20 17 37 B+	22 21 43 A	22 21 43 A	22 21 43 A	110 104 214	772	772	9.62		PASSED & PROMOTED	
20030420062 RAHUL DEO PAL	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	63 25 88 A	67 28 95 A+	63 25 88 A	391 160 551	23 24 47 A+	20 17 37 B+	20 18 38 B+	22 21 43 A	22 21 43 A	107 101 208	759	759	9.29		PASSED & PROMOTED	
20030420063 RAJENDRA KUMAR HANSDA	FIN / EXT TER / INT TOTAL GRADE	66 29 95 A+	63 26 89 A	61 24 85 A	65 28 93 A+	62 25 87 A	383 161 544	22 22 44 A	21 20 41 A	20 18 38 B+	21 21 42 A	22 22 44 A	106 103 209	753	753	9.29		PASSED & PROMOTED	
20030420064 RAKESH KUMAR MAHALI	FIN / EXT TER / INT TOTAL GRADE	65 27 92 A+	64 26 90 A+	63 25 88 A	66 28 94 A+	63 25 88 A	388 160 548	21 21 42 A	20 18 38 B+	20 18 38 B+	21 21 42 A	22 22 44 A	104 100 204	752	752	9.38		PASSED & PROMOTED	
20030420065 RASHMITA SOREN	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	63 25 88 A	63 25 88 A	65 27 92 A+	63 25 88 A	390 160 550	23 24 47 A+	19 15 34 B	20 18 38 B+	22 21 43 A	22 22 44 A	106 100 206	756	756	9.24		PASSED & PROMOTED	
20030420066 RISHABH RAJ	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	62 24 86 A	63 25 88 A	67 28 95 A+	69 30 99 A+	393 162 555	23 24 47 A+	20 18 38 B+	23 23 46 A+	23 23 46 A+	23 23 46 A+	112 111 223	778	778	9.62		PASSED & PROMOTED	
20030420067 RITIK KUMAR DUBEY	FIN / EXT TER / INT TOTAL GRADE	65 27 92 A+	64 26 90 A+	63 25 88 A	66 28 94 A+	64 26 90 A+	389 161 550	22 23 45 A+	20 19 39 B+	22 22 44 A	21 21 42 A	21 21 42 A	106 106 212	762	762	9.62		PASSED & PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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Pages : 7 of 10


SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	4	3	3	3	3	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59%	C+																		
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35%	F																		
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				
20030420068 RITIK KUMAR THAKUR	FIN / EXT TER / INT TOTAL GRADE	60 26 86 A	60 26 86 A	59 25 84 A	62 28 90 A+	55 22 77 B+	60 26 86 A	356 153 509	22 23 45 A+	20 18 38 B+	21 20 41 A	21 21 42 A	21 21 42 A	105 103 208	717	717	9.00		PASSED & PROMOTED
20030420069 ROUSHAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	60 23 83 A	63 25 88 A	66 28 94 A+	65 27 92 A+	64 26 90 A+	382 155 537	24 25 49 A+	20 17 37 B+	20 18 38 B+	22 22 44 A	22 22 44 A	108 104 212	749	749	9.43		PASSED & PROMOTED
20030420070 RUPESH KUMAR MAHTO	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 26 90 A+	62 25 87 A	66 28 94 A+	55 19 74 B+	67 29 96 A+	381 156 537	22 23 45 A+	20 18 38 B+	20 18 38 B+	22 23 45 A+	22 23 45 A+	106 105 211	748	748	9.38		PASSED & PROMOTED
20030420071 SAGAR KUMAR RAJAK	FIN / EXT TER / INT TOTAL GRADE	66 29 95 A+	63 26 89 A	60 24 84 A	64 27 91 A+	56 20 76 B+	65 28 93 A+	374 154 528	21 21 42 A	20 19 39 B+	20 18 38 B+	22 23 45 A+	22 23 45 A+	105 104 209	737	737	9.19		PASSED & PROMOTED
20030420072 SAHITYA SUMAN	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	60 24 84 A	62 25 87 A	65 28 93 A+	64 27 91 A+	67 30 97 A+	383 162 545	24 24 48 A+	21 18 39 B+	22 20 42 A	23 22 45 A+	23 22 45 A+	113 106 219	764	764	9.57		PASSED & PROMOTED
20030420073 SAINA PARWEEN	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	59 22 81 A	63 25 88 A	64 26 90 A+	66 28 94 A+	66 28 94 A+	385 158 543	22 22 44 A	19 17 36 B+	21 20 41 A	22 22 44 A	22 22 44 A	106 103 209	752	752	9.43		PASSED & PROMOTED
20030420074 SAKSHI KUMARI	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	62 24 86 A	63 25 88 A	66 27 93 A+	63 25 88 A	68 29 97 A+	386 156 542	24 24 48 A+	20 16 36 B+	22 20 42 A	23 22 45 A+	23 22 45 A+	112 104 216	758	758	9.43		PASSED & PROMOTED
20030420076 SANDEEP MODI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	59 22 81 A	62 25 87 A	66 28 94 A+	50 15 65 B	62 25 87 A	366 144 510	21 22 43 A	19 18 37 B+	20 20 40 A	21 22 43 A	21 22 43 A	102 104 206	716	716	9.00		PASSED & PROMOTED
20030420077 SANJANA BHARTI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	63 25 88 A	63 25 88 A	63 25 88 A	65 27 92 A+	65 27 92 A+	387 158 545	24 24 48 A+	20 17 37 B+	22 21 43 A	23 22 45 A+	23 22 45 A+	112 106 218	763	763	9.43		PASSED & PROMOTED
20030420078 SANJANA MAJHI	FIN / EXT TER / INT TOTAL GRADE	66 29 95 A+	58 22 80 A	61 25 86 A	61 25 86 A	59 23 82 A	66 29 95 A+	371 153 524	23 24 47 A+	20 18 38 B+	21 20 41 A	22 22 44 A	22 22 44 A	108 106 214	738	738	9.19		PASSED & PROMOTED

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
90% \geq A+																			
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	1	5	21				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-						
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	20030420079 SHALVI KUMARI GUPTA	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	64 26 90 A+	63 25 88 A	64 26 90 A+	61 23 84 A	68 29 97 A+	24 24 48 A+	21 18 39 B+	21 19 40 A	23 22 45 A+	23 22 45 A+	112 105 217	760	760	9.57		PASSED & PROMOTED
	20030420080 SHEKHAR BHAGAT	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	59 22 81 A	63 25 88 A	67 29 96 A+	58 21 79 B+	67 29 96 A+	22 23 45 A+	21 22 43 A	19 18 37 B+	21 22 43 A	20 20 40 A	103 105 208	744	744	9.19		PASSED & PROMOTED
	20030420081 SHIWAJEE KETAN	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	63 25 88 A	63 25 88 A	65 27 92 A+	67 29 96 A+	391 163 554 A+	23 24 47 A+	21 21 42 A	20 18 38 B+	21 21 42 A	21 21 42 A	106 105 211	765	765	9.48		PASSED & PROMOTED
	20030420082 SHOAIB AKHTAR	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 26 90 A+	63 25 88 A	66 28 94 A+	66 28 94 A+	393 165 558 A+	23 24 47 A+	20 18 38 B+	23 23 46 A+	22 21 43 A	22 21 43 A	110 107 217	775	775	9.67		PASSED & PROMOTED
	20030420083 SHRUTI KUMARI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	63 25 88 A	67 28 95 A+	67 28 95 A+	395 163 558 A+	23 24 47 A+	20 18 38 B+	22 21 43 A	22 21 43 A	22 21 43 A	109 105 214	772	772	9.48		PASSED & PROMOTED
	20030420084 SHUBHAM KUMAR	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	65 26 91 A+	63 25 88 A	67 28 95 A+	66 27 93 A+	396 163 559 A+	24 25 49 A+	19 15 34 B	20 18 38 B+	22 21 43 A	22 21 43 A	107 100 207	766	766	9.52		PASSED & PROMOTED
	20030420085 SHUBHAM KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 26 87 A	58 24 82 A	58 24 82 A	58 24 82 A	50 17 67 B	344 140 484 A	23 23 46 A+	19 15 34 B	20 18 38 B+	22 22 44 A	22 22 44 A	106 100 206	690	690	8.62		PASSED & PROMOTED
	20030420086 SHUBHAM SHEKHAR	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 26 90 A+	63 25 88 A	66 28 94 A+	65 27 92 A+	392 164 556 A+	23 23 46 A+	20 18 38 B+	22 22 44 A	23 23 46 A+	23 23 46 A+	111 109 220	776	776	9.71		PASSED & PROMOTED
	20030420087 SOURAV KUMAR	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	59 22 81 A	63 25 88 A	66 28 94 A+	65 27 92 A+	387 159 546 A+	22 23 45 A+	20 19 39 B+	21 20 41 A	22 22 44 A	22 22 44 A	107 106 213	759	759	9.48		PASSED & PROMOTED
	20030420088 SUDIP KUMAR MANJHI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	63 25 88 A	62 24 86 A	66 27 93 A+	61 23 84 A	388 157 545 A+	22 22 44 A	20 18 38 B+	21 21 42 A	21 21 42 A	21 21 42 A	105 103 208	753	753	9.29		PASSED & PROMOTED

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	1	5	21				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-						
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
FIN / EXT	20030420089	66	64	62	64	64	66	386	23	20	22	22	22	109					
TER / INT	SURAJ KUMAR PASWAN	28	27	25	27	27	28	162	23	18	21	21	21	104	761	761	9.62		PASSED & PROMOTED
TOTAL		94	91	87	91	91	94	548	46	38	43	43	43	213					
GRADE		A+	A+	A	A+	A+	A+		A+	B+	A	A	A						
FIN / EXT	20030420090	68	62	63	67	67	68	395	24	23	22	23	23	115					
TER / INT	SWADHA SHREE	29	24	25	28	28	29	163	24	22	20	22	22	110	783	783	9.67		PASSED & PROMOTED
TOTAL		97	86	88	95	95	97	558	48	45	42	45	45	225					
GRADE		A+	A	A	A+	A+	A+		A+	A+	A	A+	A+						
FIN / EXT	20030420091	66	63	62	65	63	67	386	24	21	21	23	23	112					
TER / INT	SWETA SWARAJ	28	26	25	27	26	29	161	24	18	18	22	22	104	763	763	9.38		PASSED & PROMOTED
TOTAL		94	89	87	92	89	96	547	48	39	39	45	45	216					
GRADE		A+	A	A	A+	A	A+		A+	B+	B+	A+	A+						
FIN / EXT	20030420092	55	55	52	55	45	58	320	22	21	19	21	21	104					
TER / INT	SYED ATIF FAZAL	23	23	21	23	15	26	131	24	22	18	22	22	108	663	663	8.10		PASSED & PROMOTED
TOTAL		78	78	73	78	60	84	451	46	43	37	43	43	212					
GRADE		B+	B+	B+	B+	B	A		A+	A	B+	A	A						
FIN / EXT	20030420093	67	58	61	64	63	67	380	22	20	21	22	22	107					
TER / INT	UDIT KUMAR	29	22	24	27	26	29	157	22	18	20	22	22	104	748	748	9.29		PASSED & PROMOTED
TOTAL		96	80	85	91	89	96	537	44	38	41	44	44	211					
GRADE		A+	A	A	A+	A	A+		A	B+	A	A	A						
FIN / EXT	20030420095	62	61	62	61	62	63	371	22	20	20	21	21	104					
TER / INT	VIJAY MURMU	25	24	25	24	25	26	149	22	18	18	21	21	100	724	724	8.90		PASSED & PROMOTED
TOTAL		87	85	87	85	87	89	520	44	38	38	42	42	204					
GRADE		A	A	A	A	A	A		A	B+	B+	A	A						
FIN / EXT	20030420096	61	56	57	56	50	60	340	22	18	20	21	21	102					
TER / INT	VIJAYA LAXMI HEMBROM	27	23	24	23	18	26	141	24	15	19	22	22	102	685	685	8.33		PASSED & PROMOTED
TOTAL		88	79	81	79	68	86	481	46	33	39	43	43	204					
GRADE		A	B+	A	B+	B	A		A+	B	B+	A	A						
FIN / EXT	20030420097	59	64	63	65	51	66	368	22	19	20	22	22	105					
TER / INT	VIKASH KUMAR	22	26	25	27	15	28	143	22	17	19	22	22	102	718	718	8.90		PASSED & PROMOTED
TOTAL		81	90	88	92	66	94	511	44	36	39	44	44	207					
GRADE		A	A+	A	A+	B	A+		A	B+	B+	A	A						
FIN / EXT	20030420098	65	59	63	66	64	66	383	22	20	20	21	21	104					
TER / INT	VIKASH KUMAR BHAGAT	27	22	25	28	26	28	156	23	18	19	21	21	102	745	745	9.43		PASSED & PROMOTED
TOTAL		92	81	88	94	90	94	539	45	38	39	42	42	206					
GRADE		A+	A	A	A+	A+	A+		A+	B+	B+	A	A						
FIN / EXT	20030420100	66	64	63	64	66	66	389	23	20	20	22	22	107					
TER / INT	VIVEK KUMAR	28	26	25	26	28	28	161	23	18	18	22	22	103	760	760	9.57		PASSED & PROMOTED
TOTAL		94	90	88	90	94	94	550	46	38	38	44	44	210					
GRADE		A+	A+	A	A+	A+	A+		A+	B+	B+	A	A						

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B.TECH 3RD SEMESTER IN CHEMICAL ENGINEERING EXAMINATION- 2021

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ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	CHE301	ME302	CHE302	BSC302	TOTAL THEORY	HS301	ME302P	CHE302P	CHE301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	4	3	3	3	3	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59%	C+																		
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35%	F																		
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				
20030420101	FIN / EXT	61	65	63	65	65	67	386	23	20	20	22	22	107					
VIVEK KUMAR PANDEY	TER / INT	23	26	25	26	26	28	154	23	18	18	22	22	103	750	750	9.38		PASSED & PROMOTED
	TOTAL	84	91	88	91	91	95	540	46	38	38	44	44	210					
	GRADE	A	A+	A	A+	A+	A+		A+	B+	B+	A	A						
20030420102	FIN / EXT	44	53	52	57	52	58	316	14	14	14	16	16	74					
ROHAN HEMBRAM	TER / INT	16	24	23	27	23	28	141	18	17	17	22	22	96	627	627	7.81		PASSED & PROMOTED
	TOTAL	60	77	75	84	75	86	457	32	31	31	38	38	170					
	GRADE	B	B+	B+	A	B+	A		B	B	B	B+	B+						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

Verifying Assistant

Verifying Officer

Controller of Examination

(Computer Generated, If any error occurs that will be rectified)

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI		
SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI		
B.I.T , SINDRI , DHANBAD		
B.TECH 3RD SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION- 2021		
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.		
PAPER CODE	PASSING HEAD	PAPERS
CS301	DATA STRUCTURES AND ALGORITHMS	THEORY
IT301	OBJECT ORIENTED PROGRAMMING	THEORY
EC301	BASIC ELECTRONICS	THEORY
EC302	DIGITAL ELECTRONICS AND LOGIC DESIGN	THEORY
BSC301	MATHEMATICS-III	THEORY
BSC302	ENVIRONMENTAL SCIENCE	THEORY
CS301P	DATA STRUCTURES AND ALGORITHMS LAB	PRACTICAL
IT301P	OBJECT ORIENTED PROGRAMMING LAB	PRACTICAL
EC302P	DIGITAL ELECTRONICS AND LOGIC DESIGN LAB	PRACTICAL
EX301	EXTRA ACTIVITIES(NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT	PRACTICAL
HS301	COMMUNICATION SKILL LAB	PRACTICAL

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B.I.T, SINDRI, DHANBAD

B.TECH 3RD SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 1 of 4

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	CS301	IT301	EC301	EC302	BSC301	BSC302	TOTAL THEORY	CS301P	IT301P	EC302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030440001 AAYUSH ANSHU	FIN / EXT	TER / INT	TOTAL	GRADE	65	27	92	A+	61	19	85	A	56	27	75	92	B+	65	27	92	753	753	9.38		PASSED & PROMOTED
20030440002 ABHIJEET KUMAR GUPTA	FIN / EXT	TER / INT	TOTAL	GRADE	69	30	99	A+	62	19	86	A	56	25	75	88	B+	63	29	97	765	765	9.33		PASSED & PROMOTED
20030440004 AKANSHA TIGGA	FIN / EXT	TER / INT	TOTAL	GRADE	64	26	90	A+	62	27	86	A	65	29	92	90	A+	64	26	90	758	758	9.57		PASSED & PROMOTED
20030440005 ANURAG KUMAR JHA	FIN / EXT	TER / INT	TOTAL	GRADE	66	28	94	A+	65	27	92	A+	63	29	88	90	A+	64	26	90	776	776	9.71		PASSED & PROMOTED
20030440006 ATUL ANAND	FIN / EXT	TER / INT	TOTAL	GRADE	64	26	90	A+	62	24	86	A	62	27	86	92	A+	65	28	94	744	744	9.38		PASSED & PROMOTED
20030440009 AYUSH RASTOGI	FIN / EXT	TER / INT	TOTAL	GRADE	67	28	95	A+	64	26	90	A+	63	28	88	90	A+	64	28	95	780	780	9.81		PASSED & PROMOTED
20030440010 BITTU KUMAR	FIN / EXT	TER / INT	TOTAL	GRADE	67	28	95	A+	61	19	84	B+	57	30	76	99	A+	69	29	97	785	785	9.57		PASSED & PROMOTED
20030440012 DIVAS KUMAR GUPTA	FIN / EXT	TER / INT	TOTAL	GRADE	66	28	94	A+	62	24	86	A	56	26	75	90	A+	64	26	90	753	753	9.38		PASSED & PROMOTED
20030440013 GANESH MURMU	FIN / EXT	TER / INT	TOTAL	GRADE	64	26	90	A+	63	25	88	A	62	26	86	90	A+	64	29	97	764	764	9.52		PASSED & PROMOTED
20030440014 GANESH MURMU	FIN / EXT	TER / INT	TOTAL	GRADE	66	28	94	A+	64	26	90	B+	56	26	75	90	A+	64	29	96	746	746	9.38		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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B.TECH 3RD SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 2 of 4

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		CS301	IT301	EC301	EC302	BSC301	BSC302	TOTAL THEORY	CS301P	IT301P	EC302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A																				
70% - 79% B+																				
60% - 69% B																				
50% - 59% C+																				
35% - 49% C																				
<35% F																				
Course Credit Point		3	3	3	3	4	0	16	1	1	1	1	1	5	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					
20030440015 KUMAR ABHISHEK	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	64 26 90 A+	55 18 73 B+	66 27 93 A+	68 29 97 A+	68 29 97 A+	390 159 549	24 25 49 A+	22 21 43 A	24 25 49 A+	23 23 46 A+	23 23 46 A+	116 117 233	782	782	9.67			PASSED & PROMOTED
20030440016 KUNAL MAHATHA	FIN / EXT TER / INT TOTAL GRADE	65 26 91 A+	62 24 86 A	64 25 89 A	65 26 91 A+	68 29 97 A+	68 29 97 A+	392 159 551	21 20 41 A	22 21 43 A	22 22 44 A	22 21 43 A	22 22 44 A	109 106 215	766	766	9.48			PASSED & PROMOTED
20030440017 LAKHAN HEMBROM	FIN / EXT TER / INT TOTAL GRADE	65 27 92 A+	60 23 83 A	62 24 86 A	63 25 88 A	67 29 96 A+	67 29 96 A+	384 157 541	22 22 44 A	19 17 36 B+	23 25 48 A+	22 23 45 A+	21 21 42 A	107 108 215	756	756	9.38			PASSED & PROMOTED
20030440018 MADHAV VERMA	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	65 26 91 A+	63 25 88 A	65 26 91 A+	68 29 97 A+	68 29 97 A+	392 160 552	23 23 46 A+	22 22 44 A	23 23 46 A+	22 21 43 A	23 23 46 A+	113 112 225	777	777	9.62			PASSED & PROMOTED
20030440019 MAMTA SOREN	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	62 24 86 A	62 24 86 A	63 25 88 A	68 29 97 A+	68 29 97 A+	387 157 544	23 25 48 A+	21 20 41 A	22 23 45 A+	22 22 44 A	22 23 45 A+	110 113 223	767	767	9.48			PASSED & PROMOTED
20030440020 MD ZAHID HUSSAIN	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	59 23 82 A	61 25 86 A	64 27 91 A+	64 27 91 A+	66 29 95 A+	374 155 529	19 16 35 B+	20 18 38 B+	22 22 44 A	21 21 42 A	21 20 41 A	103 97 200	729	729	9.24			PASSED & PROMOTED
20030440021 MITESH KUMAR MANDAL	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	62 25 87 A	64 27 91 A+	63 26 89 A	65 28 93 A+	66 29 95 A+	380 159 539	22 20 42 A	23 22 45 A+	24 25 49 A+	23 23 46 A+	21 19 40 A	113 109 222	761	761	9.48			PASSED & PROMOTED
20030440022 NITESH KUMAR	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	64 26 90 A+	62 24 86 A	64 26 90 A+	68 29 97 A+	68 29 97 A+	395 164 559	21 20 41 A	20 18 38 B+	23 25 48 A+	21 21 42 A	22 22 44 A	107 106 213	772	772	9.62			PASSED & PROMOTED
20030440023 PANKAJ PATHAK	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	62 24 86 A	56 19 75 B+	64 26 90 A+	68 29 97 A+	68 29 97 A+	386 156 542	23 24 47 A+	21 20 41 A	24 25 49 A+	23 23 46 A+	22 22 44 A	113 114 227	769	769	9.48			PASSED & PROMOTED
20030440024 PHULU SINGH	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	65 27 92 A+	59 22 81 A	65 27 92 A+	68 29 97 A+	68 29 97 A+	391 162 553	21 22 43 A	21 21 42 A	22 23 45 A+	21 22 43 A	21 21 42 A	106 109 215	768	768	9.67			PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

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B.TECH 3RD SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	CS301	IT301	EC301	EC302	BSC301	BSC302	TOTAL THEORY	CS301P	IT301P	EC302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		3	3	3	3	4	0	16	1	1	1	1	1	5	21				
Course Credit Point		3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030440025 PRATYAY GAURAV	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	65 26 91 A+	62 24 86 A	65 26 91 A+	68 29 97 A+	68 29 97 A+	395 162 557	24 24 48 A+	22 21 43 A	24 25 49 A+	22 21 43 A	23 23 46 A+	115 114 229	786	786	9.76		PASSED & PROMOTED
20030440026 PRITY KUMARI DUBEY	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	64 26 90 A+	62 24 86 A	65 27 92 A+	68 29 97 A+	68 29 97 A+	394 163 557	24 25 49 A+	23 23 46 A+	23 23 46 A+	22 22 44 A	22 22 44 A	114 115 229	786	786	9.76		PASSED & PROMOTED
20030440027 PULKIT ARYAN	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	64 26 90 A+	60 22 82 A	64 26 90 A+	68 29 97 A+	68 29 97 A+	388 158 546	23 23 46 A+	23 23 46 A+	23 23 46 A+	22 22 44 A	22 21 43 A	113 112 225	771	771	9.76		PASSED & PROMOTED
20030440028 RAHUL BAURI	FIN / EXT TER / INT TOTAL GRADE	64 28 92 A+	60 24 84 A	60 24 84 A	61 25 86 A	63 27 90 A+	63 27 90 A+	371 155 526	21 20 41 A	20 18 38 B+	21 20 41 A	22 21 43 A	21 20 41 A	105 99 204	730	730	9.29		PASSED & PROMOTED
20030440029 RAJAT CHOUDHARY	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	64 26 90 A+	59 21 80 A	63 25 88 A	68 29 97 A+	69 30 99 A+	390 159 549	22 22 44 A	23 24 47 A+	24 25 49 A+	23 23 46 A+	22 22 44 A	114 116 230	779	779	9.62		PASSED & PROMOTED
20030440030 RASHID MANZOOR	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	64 26 90 A+	59 21 80 A	66 27 93 A+	68 29 97 A+	68 29 97 A+	389 158 547	22 22 44 A	23 23 46 A+	24 25 49 A+	22 21 43 A	23 23 46 A+	114 114 228	775	775	9.76		PASSED & PROMOTED
20030440031 SACHIN KUMAR	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	64 26 90 A+	65 27 92 A+	69 30 99 A+	68 29 97 A+	68 29 97 A+	400 169 569	23 24 47 A+	23 23 46 A+	24 25 49 A+	22 21 43 A	23 24 47 A+	115 117 232	801	801	9.95		PASSED & PROMOTED
20030440032 SANDEEP KUMAR HEMBROM	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	62 24 86 A	62 24 86 A	66 27 93 A+	67 28 95 A+	68 29 97 A+	389 158 547	22 22 44 A	21 20 41 A	21 20 41 A	22 22 44 A	22 22 44 A	108 106 214	761	761	9.48		PASSED & PROMOTED
20030440033 SATYAM SHARMA	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	64 26 90 A+	56 19 75 B+	68 29 97 A+	68 29 97 A+	68 29 97 A+	391 160 551	23 24 47 A+	22 22 44 A	23 23 46 A+	22 21 43 A	22 21 43 A	112 111 223	774	774	9.57		PASSED & PROMOTED
20030440034 SHITAL KUMARI	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	62 25 87 A	59 22 81 A	64 26 90 A+	67 29 96 A+	67 29 96 A+	385 159 544	22 22 44 A	21 21 42 A	22 23 45 A+	22 23 45 A+	22 23 45 A+	109 112 221	765	765	9.62		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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Controller of Examination

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B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 4 of 4

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	CS301	IT301	EC301	EC302	BSC301	BSC302	TOTAL THEORY	CS301P	IT301P	EC302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	80% - 89% A	3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030440035 SOUVIK DEY	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	65 27 92 A+	65 27 92 A+	68 29 97 A+	66 28 94 A+	396 166 562	23 23 46 A+	22 21 43 A	24 25 49 A+	22 21 43 A	22 22 44 A	113 112 225	787	787	9.86		PASSED & PROMOTED
20030440036 SUDHAKAR KUMAR	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	63 25 88 A	62 24 86 A	64 26 90 A+	68 29 97 A+	68 29 97 A+	389 159 548	22 22 44 A	20 19 39 B+	23 24 47 A+	21 21 42 A	21 21 42 A	107 107 214	762	762	9.48		PASSED & PROMOTED
20030440037 SUDHANSHU KUMAR PANDEY	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	62 24 86 A	59 21 80 A	68 29 97 A+	68 29 97 A+	392 160 552	24 25 49 A+	23 22 45 A+	24 24 48 A+	23 22 45 A+	24 24 48 A+	118 117 235	787	787	9.71		PASSED & PROMOTED	
20030440038 SURAJ KUMAR BARNWAL	FIN / EXT TER / INT TOTAL GRADE	65 26 91 A+	64 25 89 A	62 24 86 A	65 26 91 A+	68 29 97 A+	67 28 95 A+	391 158 549	24 25 49 A+	23 23 46 A+	24 24 48 A+	22 21 43 A	24 24 48 A+	117 117 234	783	783	9.67		PASSED & PROMOTED
20030440039 SWETHA CHAMPIA	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	63 25 88 A	62 24 86 A	67 28 95 A+	68 29 97 A+	66 27 93 A+	393 161 554	23 25 48 A+	21 21 42 A	22 22 44 A	21 21 42 A	23 24 47 A+	110 113 223	777	777	9.57		PASSED & PROMOTED
20030440041 DIVYANSH KIRAN	FIN / EXT TER / INT TOTAL GRADE	66 27 93 A+	64 26 90 A+	62 24 86 A	63 25 88 A	68 29 97 A+	66 27 93 A+	389 158 547	22 22 44 A	22 21 43 A	23 24 47 A+	22 22 44 A	21 19 40 A	110 108 218	765	765	9.52		PASSED & PROMOTED
20030440043 VIKRANT BHARTI	FIN / EXT TER / INT TOTAL GRADE	60 23 83 A	54 18 72 B+	61 24 85 A	65 27 92 A+	65 27 92 A+	67 29 96 A+	372 148 520	20 20 40 A	18 17 35 B+	21 22 43 A	20 21 41 A	22 24 46 A+	101 104 205	725	725	9.19		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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PAPER CODE	PASSING HEAD	PAPERS
EC301	BASIC ELECTRONICS	THEORY
EC302	DIGITAL ELECTRONICS AND LOGIC DESIGN	THEORY
EE302	NETWORK THEORY	THEORY
EE303	ELECTROMAGNETIC FIELD THEORY	THEORY
BSC301	MATHEMATICS-III	THEORY
BSC302	ENVIRONMENTAL SCIENCE	THEORY
EC301P	BASIC ELECTRONICS LAB	PRACTICAL
EC302P	DIGITAL ELECTRONICS AND LOGIC DESIGN LAB	PRACTICAL
EE302P	NETWORK THEORY LAB	PRACTICAL
EX301	EXTRA ACTIVITIES (NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT)	PRACTICAL
HS301	COMMUNICATION SKILL LAB	PRACTICAL

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ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 1 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		EC301	EC302	EE302	EE303	BSC301	BSC302	TOTAL THEORY	EC301P	EC302P	EE302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305			SGPA	CGPA
50% - 59%	C+																		Remarks
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35%	F																		
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				
20030460001	FIN / EXT	55	65	61	67	66	62	376	18	22	20	22	22	104					
ABHISHEK KUMAR	TER / INT	20	28	25	30	29	26	158	16	24	20	24	24	108	746	746	9.38		PASSED & PROMOTED
	TOTAL	75	93	86	97	95	88	534	34	46	40	46	46	212					
	GRADE	B+	A+	A	A+	A+	A		B	A+	A	A+	A+						
20030460002	FIN / EXT	55	64	64	65	65	62	375	18	22	20	22	21	103					
ABHISHEK KUMAR BAURI	TER / INT	20	28	28	29	29	26	160	16	23	20	24	21	104	742	742	9.48		PASSED & PROMOTED
	TOTAL	75	92	92	94	94	88	535	34	45	40	46	42	207					
	GRADE	B+	A+	A+	A+	A+	A		B	A+	A	A+	A						
20030460003	FIN / EXT	59	66	67	67	67	66	392	21	23	22	23	22	111					
ADARSH ANAND	TER / INT	22	28	29	29	29	28	165	19	24	22	24	21	110	778	778	9.71		PASSED & PROMOTED
	TOTAL	81	94	96	96	96	94	557	40	47	44	47	43	221					
	GRADE	A	A+	A+	A+	A+	A+		A	A+	A	A+	A						
20030460004	FIN / EXT	62	66	67	67	67	67	396	19	22	22	22	22	107					
AKASH KUMAR	TER / INT	25	28	29	29	29	29	169	17	23	22	23	22	107	779	779	9.67		PASSED & PROMOTED
	TOTAL	87	94	96	96	96	96	565	36	45	44	45	44	214					
	GRADE	A	A+	A+	A+	A+	A+		B+	A+	A	A+	A						
20030460005	FIN / EXT	60	64	64	66	61	65	380	21	23	22	22	22	110					
AKASH KUMAR KASHYAP	TER / INT	25	28	28	30	26	29	166	20	24	22	22	23	111	767	767	9.52		PASSED & PROMOTED
	TOTAL	85	92	92	96	87	94	546	41	47	44	44	45	221					
	GRADE	A	A+	A+	A+	A	A+		A	A+	A	A	A+						
20030460006	FIN / EXT	59	64	65	66	62	65	381	19	22	21	22	22	106					
AKSHAT APURVA	TER / INT	23	27	28	29	26	28	161	16	23	21	23	23	106	754	754	9.52		PASSED & PROMOTED
	TOTAL	82	91	93	95	88	93	542	35	45	42	45	45	212					
	GRADE	A	A+	A+	A+	A	A+		B+	A+	A	A+	A+						
20030460007	FIN / EXT	60	64	65	67	67	67	390	21	22	23	22	22	110					
AMAN KUMAR	TER / INT	23	26	27	29	29	29	163	21	22	24	22	23	112	775	775	9.71		PASSED & PROMOTED
	TOTAL	83	90	92	96	96	96	553	42	44	47	44	45	222					
	GRADE	A	A+	A+	A+	A+	A+		A	A	A+	A	A+						
20030460008	FIN / EXT	62	64	65	65	66	66	388	23	22	21	21	22	109					
AMAN KUMAR	TER / INT	25	27	28	28	29	29	166	24	23	20	21	23	111	774	774	9.76		PASSED & PROMOTED
	TOTAL	87	91	93	93	95	95	554	47	45	41	42	45	220					
	GRADE	A	A+	A+	A+	A+	A+		A+	A+	A	A	A+						
20030460009	FIN / EXT	63	64	65	65	66	66	389	21	22	22	22	23	110					
AMIT KUMAR GUPTA	TER / INT	26	27	28	28	29	29	167	20	22	22	23	24	111	777	777	9.71		PASSED & PROMOTED
	TOTAL	89	91	93	93	95	95	556	41	44	44	45	47	221					
	GRADE	A	A+	A+	A+	A+	A+		A	A	A	A+	A+						
20030460010	FIN / EXT	64	62	67	66	67	64	390	19	21	22	22	21	105					
ANAND KUMAR	TER / INT	26	25	29	28	29	26	163	16	21	22	22	21	102	760	760	9.57		PASSED & PROMOTED
	TOTAL	90	87	96	94	96	90	553	35	42	44	44	42	207					
	GRADE	A+	A	A+	A+	A+	A+		B+	A	A	A	A						

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B.TECH 3RD SEMESTER IN ELECTRONICS & COMMUNICATION ENGINEERING EXAMINATION- 2021
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+	EC301	EC302	EE302	EE303	BSC301	BSC302	TOTAL THEORY	EC301P	EC302P	EE302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030460011 ANAND KUMAR	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	65 27 92 A+	67 29 96 A+	66 28 94 A+	67 29 96 A+	67 29 96 A+	398 170 568	22 22 44 A	23 24 47 A+	22 23 45 A+	21 21 42 A	22 22 44 A	110 112 222	790	790	9.86	PASSED & PROMOTED	
20030460012 ANJALI GOSWAMI	FIN / EXT TER / INT TOTAL GRADE	56 20 76 B+	62 25 87 A	67 29 96 A+	67 29 96 A+	66 28 94 A+	67 29 96 A+	385 160 545	18 15 33 B	21 21 42 A	23 24 47 A+	22 23 45 A+	23 25 48 A+	107 108 215	760	760	9.38	PASSED & PROMOTED	
20030460013 ANJALI MARDI	FIN / EXT TER / INT TOTAL GRADE	60 23 83 A	64 27 91 A+	67 29 96 A+	65 28 93 A+	67 29 96 A+	67 29 96 A+	390 165 555	21 21 42 A	22 22 44 A	22 22 44 A	22 22 44 A	23 25 48 A+	110 112 222	777	777	9.67	PASSED & PROMOTED	
20030460014 ANKIT SHARMA	FIN / EXT TER / INT TOTAL GRADE	63 26 89 A	62 25 87 A	65 28 93 A+	67 30 97 A+	66 29 95 A+	64 27 91 A+	387 165 552	22 23 45 A+	22 22 44 A	21 20 41 A	21 21 42 A	22 23 45 A+	108 109 217	769	769	9.57	PASSED & PROMOTED	
20030460015 ANKIT TIRKEY	FIN / EXT TER / INT TOTAL GRADE	62 26 88 A	67 30 97 A+	65 28 93 A+	65 28 93 A+	66 29 95 A+	66 29 95 A+	391 170 561	19 17 36 B+	21 21 42 A	22 22 44 A	21 21 42 A	21 20 41 A	104 101 205	766	766	9.57	PASSED & PROMOTED	
20030460016 ANKIT TOPPO	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	63 26 89 A	65 28 93 A+	66 29 95 A+	66 29 95 A+	66 29 95 A+	391 169 560	22 22 44 A	21 20 41 A	21 21 42 A	21 21 42 A	21 21 42 A	106 105 211	771	771	9.62	PASSED & PROMOTED	
20030460017 ARYAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	59 23 82 A	65 28 93 A+	63 26 89 A	64 27 91 A+	65 28 93 A+	66 29 95 A+	382 161 543	23 24 47 A+	22 22 44 A	21 20 41 A	23 23 46 A+	22 21 43 A	111 110 221	764	764	9.57	PASSED & PROMOTED	
20030460019 ATUL KACHHAP	FIN / EXT TER / INT TOTAL GRADE	61 25 86 A	65 28 93 A+	66 29 95 A+	64 27 91 A+	66 29 95 A+	66 29 95 A+	388 167 555	21 21 42 A	22 22 44 A	22 22 44 A	21 21 42 A	22 22 44 A	108 108 216	771	771	9.62	PASSED & PROMOTED	
20030460020 AVINASH KUMAR PAL	FIN / EXT TER / INT TOTAL GRADE	56 20 76 B+	62 25 87 A	63 26 89 A	65 28 93 A+	63 26 89 A	62 25 87 A	371 150 521	17 13 30 B	22 22 44 A	11 - 11* F	22 22 44 A	22 22 44 A	94 79 173	694	694	8.48	PROMOTED	
20030460021 AVINASH RAJ	FIN / EXT TER / INT TOTAL GRADE	61 25 86 A	64 27 91 A+	66 29 95 A+	65 28 93 A+	65 28 93 A+	66 29 95 A+	387 166 553	20 20 40 A	21 21 42 A	21 22 43 A	20 20 40 A	21 22 43 A	103 105 208	761	761	9.62	PASSED & PROMOTED	

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ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	EC301	EC302	EE302	EE303	BSC301	BSC302	TOTAL THEORY	EC301P	EC302P	EE302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point		3	3	3	3	4	0	16	1	1	1	1	1	5			
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				
20030460022 BADAL	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	64 27 91 A+	66 29 95 A+	65 28 93 A+	66 29 95 A+	65 28 93 A+	391 169 560	21 20 41 A	22 22 44 A	22 22 44 A	23 23 46 A+	21 20 41 A	109 107 216	776	776	9.81		PASSED & PROMOTED
20030460023 BINOD MUNDA	FIN / EXT TER / INT TOTAL GRADE	63 26 89 A	63 26 89 A	67 29 96 A+	67 29 96 A+	67 29 96 A+	67 29 96 A+	394 168 562	20 19 39 B+	21 20 41 A	21 21 42 A	21 20 41 A	21 20 41 A	104 100 204	766	766	9.43		PASSED & PROMOTED
20030460024 BIPUL KUMAR GAUTAM	FIN / EXT TER / INT TOTAL GRADE	61 25 86 A	62 26 88 A	65 28 93 A+	66 29 95 A+	62 26 88 A	66 29 95 A+	382 163 545	21 20 41 A	21 21 42 A	21 21 42 A	21 21 42 A	22 23 45 A+	106 106 212	757	757	9.33		PASSED & PROMOTED
20030460025 BIRBAL SAW	FIN / EXT TER / INT TOTAL GRADE	54 19 73 B+	63 27 90 A+	66 29 95 A+	64 28 92 A+	62 26 88 A	66 29 95 A+	375 158 533	18 15 33 B	21 21 42 A	22 23 45 A+	21 21 42 A	21 21 42 A	103 101 204	737	737	9.24		PASSED & PROMOTED
20030460026 CHANDAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	62 25 87 A	63 26 89 A	66 28 94 A+	68 30 98 A+	64 27 91 A+	62 25 87 A	385 161 546	20 18 38 B+	22 22 44 A	21 20 41 A	23 23 46 A+	23 23 46 A+	109 106 215	761	761	9.52		PASSED & PROMOTED
20030460027 DEEPAK KUMAR BESRA	FIN / EXT TER / INT TOTAL GRADE	60 25 85 A	63 27 90 A+	64 28 92 A+	64 28 92 A+	65 29 94 A+	64 28 92 A+	380 165 545	23 24 47 A+	21 21 42 A	21 20 41 A	21 21 42 A	21 20 41 A	107 106 213	758	758	9.67		PASSED & PROMOTED
20030460028 DHRUV KUMAR	FIN / EXT TER / INT TOTAL GRADE	48 15 63 B	62 27 89 A	63 28 91 A+	62 27 89 A	55 21 76 B+	64 29 93 A+	354 147 501	18 15 33 B	22 23 45 A+	21 20 41 A	20 19 39 B+	21 21 42 A	102 98 200	701	701	8.57		PASSED & PROMOTED
20030460029 GAYETRI MURMU	FIN / EXT TER / INT TOTAL GRADE	63 26 89 A	68 30 98 A+	67 29 96 A+	65 27 92 A+	67 29 96 A+	67 29 96 A+	397 170 567	20 19 39 B+	22 22 44 A	22 22 44 A	22 22 44 A	23 24 47 A+	109 109 218	785	785	9.62		PASSED & PROMOTED
20030460030 JASMINE CHRISTINA KACHHAP	FIN / EXT TER / INT TOTAL GRADE	63 26 89 A	65 27 92 A+	63 26 89 A	66 28 94 A+	67 29 96 A+	67 29 96 A+	391 165 556	19 15 34 B	22 22 44 A	22 22 44 A	21 20 41 A	23 24 47 A+	107 103 210	766	766	9.43		PASSED & PROMOTED
20030460031 JAYDEV MANJHI	FIN / EXT TER / INT TOTAL GRADE	62 26 88 A	61 25 86 A	66 29 95 A+	63 27 90 A+	66 29 95 A+	66 29 95 A+	384 165 549	19 17 36 B+	22 22 44 A	21 20 41 A	21 20 41 A	22 22 44 A	105 101 206	755	755	9.43		PASSED & PROMOTED

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Pages : 4 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		EC301	EC302	EE302	EE303	BSC301	BSC302	TOTAL THEORY	EC301P	EC302P	EE302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59%	C+																		
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35%	F																		
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				
20030460032	FIN / EXT	62	63	63	66	66	66	386	20	22	22	23	21	108					
KARUNA KUMARI	TER / INT	25	26	26	29	29	29	164	17	22	22	24	20	105	763	763	9.33		PASSED & PROMOTED
	TOTAL	87	89	89	95	95	95	550	37	44	44	47	41	213					
	GRADE	A	A	A	A+	A+	A+		B+	A	A	A+	A						
20030460033	FIN / EXT	62	63	67	67	67	66	392	21	22	23	23	23	112					
MANISHA KUMARI	TER / INT	25	26	29	29	29	28	166	20	22	24	23	24	113	783	783	9.62		PASSED & PROMOTED
	TOTAL	87	89	96	96	96	94	558	41	44	47	46	47	225					
	GRADE	A	A	A+	A+	A+	A+		A	A	A+	A+	A+						
20030460034	FIN / EXT	64	63	64	63	64	64	382	19	23	22	21	22	107					
MANMOHAN GAGRAI	TER / INT	28	27	28	27	28	28	166	16	23	21	19	22	101	756	756	9.76		PASSED & PROMOTED
	TOTAL	92	90	92	90	92	92	548	35	46	43	40	44	208					
	GRADE	A+	A+	A+	A+	A+	A+		B+	A+	A	A	A						
20030460035	FIN / EXT	63	62	67	67	64	67	390	21	22	22	22	21	108					
MD FAIZAN YUSUF	TER / INT	26	25	29	29	27	29	165	20	22	22	22	21	107	770	770	9.48		PASSED & PROMOTED
	TOTAL	89	87	96	96	91	96	555	41	44	44	44	42	215					
	GRADE	A	A	A+	A+	A+	A+		A	A	A	A	A						
20030460036	FIN / EXT	58	62	65	66	66	68	385	20	23	23	23	24	113					
NIKITA KUMARI	TER / INT	22	25	28	29	29	30	163	17	23	22	23	24	109	770	770	9.62		PASSED & PROMOTED
	TOTAL	80	87	93	95	95	98	548	37	46	45	46	48	222					
	GRADE	A	A	A+	A+	A+	A+		B+	A+	A+	A+	A+						
20030460038	FIN / EXT	59	62	66	65	65	62	379	21	22	22	22	22	109					
PRIYANSHU KUMAR MALVIYA	TER / INT	23	25	29	28	28	25	158	19	22	22	21	21	105	751	751	9.48		PASSED & PROMOTED
	TOTAL	82	87	95	93	93	87	537	40	44	44	43	43	214					
	GRADE	A	A	A+	A+	A+	A		A	A	A	A	A						
20030460039	FIN / EXT	59	63	65	65	61	66	379	18	22	22	22	22	106					
RAHUL KUMAR	TER / INT	23	27	28	28	25	29	160	15	23	22	23	23	106	751	751	9.48		PASSED & PROMOTED
	TOTAL	82	90	93	93	86	95	539	33	45	44	45	45	212					
	GRADE	A	A+	A+	A+	A	A+		B	A+	A	A+	A+						
20030460040	FIN / EXT	61	64	64	65	62	61	377	19	21	21	21	21	103					
RAMKISHAN MARANDI	TER / INT	25	28	28	29	26	25	161	16	21	21	20	21	99	740	740	9.38		PASSED & PROMOTED
	TOTAL	86	92	92	94	88	86	538	35	42	42	41	42	202					
	GRADE	A	A+	A+	A+	A	A		B+	A	A	A	A						
20030460041	FIN / EXT	64	64	66	68	68	68	398	24	22	23	21	23	113					
RASHMI PRAVA PRADHAN	TER / INT	26	26	28	29	29	29	167	25	22	24	20	24	115	793	793	9.90		PASSED & PROMOTED
	TOTAL	90	90	94	97	97	97	565	49	44	47	41	47	228					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A	A+	A	A+						
20030460042	FIN / EXT	62	64	65	65	66	62	384	22	22	24	23	24	115					
RITESH KUMAR	TER / INT	25	27	28	28	29	25	162	20	21	24	23	24	112	773	773	9.76		PASSED & PROMOTED
	TOTAL	87	91	93	93	95	87	546	42	43	48	46	48	227					
	GRADE	A	A+	A+	A+	A+	A		A	A	A+	A+	A+						

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90% \geq A+																			
80% - 89% A		3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79% B+		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69% B		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59% C+		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49% C		21	21	21	21	21	21		-	-	-	-	-						
<35% F		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
FIN / EXT		65	63	65	66	65	63	387	21	22	22	23	22	110					
TER / INT		28	26	28	29	28	26	165	20	22	22	24	23	111	773	773	9.71		PASSED & PROMOTED
TOTAL		93	89	93	95	93	89	552	41	44	44	47	45	221					
GRADE		A+	A	A+	A+	A+	A		A	A	A	A+	A+						
FIN / EXT		58	63	62	65	66	66	380	21	22	23	22	23	111					
TER / INT		22	27	26	28	29	29	161	20	22	24	22	24	112	764	764	9.57		PASSED & PROMOTED
TOTAL		80	90	88	93	95	95	541	41	44	47	44	47	223					
GRADE		A	A+	A	A+	A+	A+		A	A	A+	A	A+						
FIN / EXT		61	61	60	67	63	64	376	19	21	11	20	11	82					
TER / INT		25	25	24	30	27	28	159	15	20	-	18	-	53	670	670	8.33		PROMOTED
TOTAL		86	86	84	97	90	92	535	34	41	11*	38	11*	135					
GRADE		A	A	A	A+	A+	A+		B	A	F	B+	F						
FIN / EXT		57	63	63	64	64	63	374	20	22	22	21	23	108					
TER / INT		22	27	27	28	28	27	159	18	22	22	21	24	107	748	748	9.48		PASSED & PROMOTED
TOTAL		79	90	90	92	92	90	533	38	44	44	42	47	215					
GRADE		B+	A+	A+	A+	A+	A+		B+	A	A	A	A+						
FIN / EXT		59	61	65	66	66	61	378	19	22	23	22	23	109					
TER / INT		23	25	28	29	29	25	159	15	21	24	22	23	105	751	751	9.48		PASSED & PROMOTED
TOTAL		82	86	93	95	95	86	537	34	43	47	44	46	214					
GRADE		A	A	A+	A+	A+	A		B	A	A+	A	A+						
FIN / EXT		62	63	66	66	63	62	382	19	22	23	21	23	108					
TER / INT		25	26	29	29	26	25	160	16	21	24	19	24	104	754	754	9.33		PASSED & PROMOTED
TOTAL		87	89	95	95	89	87	542	35	43	47	40	47	212					
GRADE		A	A	A+	A+	A	A		B+	A	A+	A	A+						
FIN / EXT		63	63	65	65	66	66	388	22	21	23	21	22	109					
TER / INT		26	26	28	28	29	29	166	23	21	24	21	23	112	775	775	9.62		PASSED & PROMOTED
TOTAL		89	89	93	93	95	95	554	45	42	47	42	45	221					
GRADE		A	A	A+	A+	A+	A+		A+	A	A+	A	A+						
FIN / EXT		60	64	66	67	67	64	388	21	22	22	22	22	109					
TER / INT		23	26	28	29	29	26	161	20	22	22	21	21	106	764	764	9.62		PASSED & PROMOTED
TOTAL		83	90	94	96	96	90	549	41	44	44	43	43	215					
GRADE		A	A+	A+	A+	A+	A+		A	A	A	A	A						
FIN / EXT		61	62	65	65	66	65	384	19	22	23	23	22	109					
TER / INT		25	26	28	28	29	28	164	15	21	24	24	22	106	763	763	9.48		PASSED & PROMOTED
TOTAL		86	88	93	93	95	93	548	34	43	47	47	44	215					
GRADE		A	A	A+	A+	A+	A+		B	A	A+	A+	A						
FIN / EXT		62	62	65	67	66	62	384	21	23	23	23	23	113					
TER / INT		25	25	28	30	29	25	162	19	24	24	23	24	114	773	773	9.67		PASSED & PROMOTED
TOTAL		87	87	93	97	95	87	546	40	47	47	46	47	227					
GRADE		A	A	A+	A+	A+	A		A	A+	A+	A+	A+						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].


* Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

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Verifying Assistant


Verifying Officer


Controller of Examination

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN ELECTRONICS & COMMUNICATION ENGINEERING EXAMINATION - 2021
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 6 of 6

SGPA = $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC301	EC302	EE302	EE303	BSC301	BSC302	TOTAL THEORY	EC301P	EC302P	EE302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	90% ≥ A+	3	3	3	3	4	0	16	1	1	1	1	1	5	21		SGPA	CGPA	Remarks
Full Marks - Final / Ext.	80% - 89% A	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	70% - 79% B+	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	60% - 69% B	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	50% - 59% C+	21	21	21	21	21	21	-	-	-	-	-	-	-	-	-			
Pass Marks - Subject	35% - 49% C	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	<35% F																		
20030460054 TEJ PRAKASH SINGH	FIN / EXT TER / INT TOTAL GRADE	58 23 81 A	63 27 90 A+	64 28 92 A+	67 30 97 A+	64 28 92 A+	63 27 90 A+	379 163 542	20 20 40 A	21 21 42 A	20 20 40 A	21 21 42 A	22 23 45 A+	104 105 209	751	751	9.67		PASSED & PROMOTED
20030460055 TILOTTAMA KUMARI	FIN / EXT TER / INT TOTAL GRADE	62 26 88 A	62 26 88 A	64 28 92 A+	65 29 94 A+	65 29 94 A+	62 26 88 A	380 164 544	20 16 36 B+	23 23 46 A+	23 22 45 A+	23 22 45 A+	24 24 48 A+	113 107 220	764	764	9.62		PASSED & PROMOTED
20030460056 VIJAY LOWADA	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	65 28 93 A+	65 28 93 A+	65 28 93 A+	63 26 89 A	66 29 95 A+	389 167 556	19 16 35 B+	22 23 45 A+	22 22 44 A	22 22 44 A	22 23 45 A+	107 106 213	769	769	9.62		PASSED & PROMOTED
20030460057 VIKASH TIWARY	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	63 26 89 A	66 29 95 A+	66 29 95 A+	66 29 95 A+	64 27 91 A+	390 168 558	19 17 36 B+	21 21 42 A	22 22 44 A	21 20 41 A	22 22 44 A	105 102 207	765	765	9.57		PASSED & PROMOTED
20030460058 VIKRANT KUMAR MAHTO	FIN / EXT TER / INT TOTAL GRADE	62 25 87 A	63 26 89 A	65 28 93 A+	67 29 96 A+	65 28 93 A+	67 29 96 A+	389 165 554	18 15 33 B	20 20 40 A	21 22 43 A	20 20 40 A	22 23 45 A+	101 100 201	755	755	9.43		PASSED & PROMOTED


Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI****B.I.T , SINDRI , DHANBAD****B.TECH 3RD SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION- 2021****ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.**

PAPER CODE	PASSING HEAD	PAPERS
IT301	OBJECT ORIENTED PROGRAMMING	THEORY
CS301	DATA STRUCTURES AND ALGORITHMS	THEORY
EC301	BASIC ELECTRONICS	THEORY
EC302	DIGITAL ELECTRONICS AND LOGIC DESIGN	THEORY
BSC301	MATHEMATICS-III	THEORY
BSC302	ENVIRONMENTAL SCIENCE	THEORY
IT301P	OBJECT ORIENTED PROGRAMMING LAB	PRACTICAL
CS301P	DATA STRUCTURES AND ALGORITHMS LAB	PRACTICAL
EC302P	DIGITAL ELECTRONICS AND LOGIC DESIGN LAB	PRACTICAL
EX301	EXTRA ACTIVITIES(NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT	
HS301	COMMUNICATION SKILL LAB	

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B.TECH 3RD SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 1 of 4

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		IT301	CS301	EC301	EC302	BSC301	BSC302	TOTAL THEORY	IT301P	CS301P	EC302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+																		
60% - 69%	B	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
50% - 59%	C+	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35%	F																		
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				
20030480001 AAYUSH SHREE	FIN / EXT TER / INT TOTAL GRADE	60 22 82 A	67 28 95 A+	59 21 80 A	64 26 90 A+	66 27 93 A+	68 29 97 A+	384 153 537	21 18 39 B+	21 19 40 A	24 25 49 A+	22 21 43 A	23 23 46 A+	111 106 217	754	754	9.52		PASSED & PROMOTED
20030480002 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 18 73 B+	65 27 92 A+	62 24 86 A	64 26 90 A+	66 28 94 A+	67 29 96 A+	379 152 531	20 19 39 B+	20 19 39 B+	21 22 43 A	21 22 43 A	22 23 45 A+	104 105 209	740	740	9.29		PASSED & PROMOTED
20030480003 AMAN KANT	FIN / EXT TER / INT TOTAL GRADE	59 21 80 A	63 25 88 A	63 25 88 A	66 27 93 A+	68 29 97 A+	66 27 93 A+	385 154 539	19 18 37 B+	19 18 37 B+	21 22 43 A	21 22 43 A	21 22 43 A	101 102 203	742	742	9.24		PASSED & PROMOTED
20030480004 ANIKET TIWARY	FIN / EXT TER / INT TOTAL GRADE	64 25 89 A	68 29 97 A+	64 25 89 A	66 27 93 A+	67 28 95 A+	68 29 97 A+	397 163 560	22 22 44 A	21 20 41 A	24 25 49 A+	23 23 46 A+	23 24 47 A+	113 114 227	787	787	9.62		PASSED & PROMOTED
20030480005 ANKIT KISHORE KHALKHO	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	67 28 95 A+	62 24 86 A	66 27 93 A+	68 29 97 A+	67 28 95 A+	393 161 554	23 23 46 A+	23 23 46 A+	24 25 49 A+	22 21 43 A	22 22 44 A	114 114 228	782	782	9.62		PASSED & PROMOTED
20030480006 ANUJ KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 23 84 A	67 28 95 A+	63 25 88 A	67 28 95 A+	68 29 97 A+	67 28 95 A+	393 161 554	22 22 44 A	21 21 42 A	23 24 47 A+	21 21 42 A	23 24 47 A+	110 112 222	776	776	9.57		PASSED & PROMOTED
20030480007 ANURAG	FIN / EXT TER / INT TOTAL GRADE	52 16 68 B	55 19 74 B+	59 22 81 A	66 28 94 A+	61 24 85 A	67 29 96 A+	360 138 498	17 15 32 B	18 17 35 B+	20 20 40 A	21 23 44 A	22 24 46 A+	98 99 197	695	695	8.62		PASSED & PROMOTED
20030480008 AYUSH AGARWAL	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	68 29 97 A+	62 24 86 A	65 27 92 A+	68 29 97 A+	66 28 94 A+	392 162 554	22 22 44 A	21 21 42 A	23 24 47 A+	21 21 42 A	22 22 44 A	109 110 219	773	773	9.52		PASSED & PROMOTED
20030480009 BAIDUJEET DEOGAM	FIN / EXT TER / INT TOTAL GRADE	59 22 81 A	62 25 87 A	62 25 87 A	64 26 90 A+	66 28 94 A+	67 29 96 A+	380 155 535	20 19 39 B+	18 16 34 B	21 21 42 A	21 22 43 A	20 20 40 A	100 98 198	733	733	9.19		PASSED & PROMOTED
20030480010 DHANANJAY GHOSH	FIN / EXT TER / INT TOTAL GRADE	62 24 86 A	67 29 96 A+	59 22 81 A	66 28 94 A+	67 29 96 A+	67 29 96 A+	388 161 549	22 22 44 A	20 19 39 B+	22 23 45 A+	21 21 42 A	22 23 45 A+	107 108 215	764	764	9.52		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T, SINDRI, DHANBAD

B.TECH 3RD SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	IT301	CS301	EC301	EC302	BSC301	BSC302	TOTAL THEORY	IT301P	CS301P	EC302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030480011 DIPIT DIVYANSHU	FIN / EXT	65	68	64	65	66	68	396	22	21	23	22	22	110	23	21	25	23	23	115	783	783	9.81		PASSED & PROMOTED
	TER / INT	26	29	25	26	27	29	162	23	21	25	23	23	115	23	21	25	23	23	115	783	783	9.81		PASSED & PROMOTED
	TOTAL	91	97	89	91	93	97	558	45	42	48	45	45	225	45	42	48	45	45	225	783	783	9.81		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A+	A	A+	A+	A+		A+	A	A+	A+	A+						PASSED & PROMOTED
20030480012 GOPI NATH MURMU	FIN / EXT	60	61	62	65	65	66	379	20	19	22	21	21	103	19	17	23	22	22	103	739	739	9.29		PASSED & PROMOTED
	TER / INT	23	24	25	27	27	28	154	19	17	23	22	22	103	19	17	23	22	22	103	739	739	9.29		PASSED & PROMOTED
	TOTAL	83	85	87	92	92	94	533	39	36	45	43	43	206	39	36	45	43	43	206	739	739	9.29		PASSED & PROMOTED
	GRADE	A	A	A	A+	A+	A+		B+	B+	A+	A	A		B+	B+	A+	A	A						PASSED & PROMOTED
20030480013 HARSH KUMAR SINGH	FIN / EXT	62	68	64	67	66	68	395	21	22	23	22	23	111	20	22	24	21	23	110	778	778	9.57		PASSED & PROMOTED
	TER / INT	24	29	25	28	27	29	162	20	22	24	21	23	110	20	22	24	21	23	110	778	778	9.57		PASSED & PROMOTED
	TOTAL	86	97	89	95	93	97	557	41	44	47	43	46	221	41	44	47	43	46	221	778	778	9.57		PASSED & PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A	A	A+	A	A+		A	A	A+	A	A+						PASSED & PROMOTED
20030480014 KANAN KRISHANU	FIN / EXT	55	64	58	65	63	66	371	21	20	22	22	21	106	20	19	23	23	21	106	734	734	9.19		PASSED & PROMOTED
	TER / INT	19	27	22	28	26	29	151	20	19	23	23	21	106	20	19	23	23	21	106	734	734	9.19		PASSED & PROMOTED
	TOTAL	74	91	80	93	89	95	522	41	39	45	45	42	212	41	39	45	45	42	212	734	734	9.19		PASSED & PROMOTED
	GRADE	B+	A+	A	A+	A	A+		A	B+	A+	A+	A		A	B+	A+	A+	A						PASSED & PROMOTED
20030480015 KRIT RAJ	FIN / EXT	66	68	64	67	68	68	401	22	22	23	22	21	110	22	21	23	21	20	107	785	785	9.67		PASSED & PROMOTED
	TER / INT	27	29	25	28	29	29	167	22	21	23	21	20	107	22	21	23	21	20	107	785	785	9.67		PASSED & PROMOTED
	TOTAL	93	97	89	95	97	97	568	44	43	46	43	41	217	44	43	46	43	41	217	785	785	9.67		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A	A	A+	A	A		A	A	A+	A	A						PASSED & PROMOTED
20030480016 LISHA SOY	FIN / EXT	60	66	62	65	66	67	386	22	21	22	22	22	109	22	21	23	22	23	111	765	765	9.57		PASSED & PROMOTED
	TER / INT	23	28	24	27	28	29	159	22	21	23	22	23	111	22	21	23	22	23	111	765	765	9.57		PASSED & PROMOTED
	TOTAL	83	94	86	92	94	96	545	44	42	45	44	45	220	44	42	45	44	45	220	765	765	9.57		PASSED & PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A	A	A+	A	A+		A	A	A+	A	A+						PASSED & PROMOTED
20030480017 MAHESHWAR SINGH SARDAR	FIN / EXT	64	66	62	67	68	67	394	21	22	22	21	21	107	20	22	22	21	20	105	768	768	9.62		PASSED & PROMOTED
	TER / INT	26	27	24	28	29	28	162	20	22	22	21	20	105	20	22	22	21	20	105	768	768	9.62		PASSED & PROMOTED
	TOTAL	90	93	86	95	97	95	556	41	44	44	42	41	212	41	44	44	42	41	212	768	768	9.62		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A	A	A	A	A		A	A	A	A	A						PASSED & PROMOTED
20030480018 MEGHA	FIN / EXT	66	68	64	66	67	68	399	22	21	23	22	22	110	22	20	24	23	23	112	786	786	9.76		PASSED & PROMOTED
	TER / INT	27	29	25	27	28	29	165	22	20	24	23	23	112	22	20	24	23	23	112	786	786	9.76		PASSED & PROMOTED
	TOTAL	93	97	89	93	95	97	564	44	41	47	45	45	222	44	41	47	45	45	222	786	786	9.76		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A	A	A+	A+	A+		A	A	A+	A+	A+						PASSED & PROMOTED
20030480019 NARESH KUMAR	FIN / EXT	63	68	59	66	68	66	390	21	21	22	21	21	106	21	21	23	21	21	107	764	764	9.52		PASSED & PROMOTED
	TER / INT	25	29	22	28	29	28	161	21	21	23	21	21	107	21	21	23	21	21	107	764	764	9.52		PASSED & PROMOTED
	TOTAL	88	97	81	94	97	94	551	42	42	45	42	42	213	42	42	45	42	42	213	764	764	9.52		PASSED & PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A	A	A+	A	A		A	A	A+	A	A						PASSED & PROMOTED
20030480021 NIPUN KUMAR	FIN / EXT	66	62	62	65	67	68	390	24	21	22	22	22	111	25	20	22	22	21	110	769	769	9.52		PASSED & PROMOTED
	TER / INT	27	24	24	26	28	29	158	25	20	22	22	21	110	25	20	22	22	21	110	769	769	9.52		PASSED & PROMOTED
	TOTAL	93	86	86	91	95	97	548	49	41	44	44	43	221	49	41	44	44	43	221	769	769	9.52		PASSED & PROMOTED
	GRADE	A+	A	A	A+	A+	A+		A+	A	A	A	A		A+	A	A	A	A						PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

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B.TECH 3RD SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 3 of 4

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	IT301	CS301	EC301	EC302	BSC301	BSC302	TOTAL THEORY	IT301P	CS301P	EC302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030480022 NISHANT KUMAR SINGH	FIN / EXT	66	68	62	66	68	68	398	22	21	22	22	22	109	22	20	22	21	22	107	779	779	9.62		PASSED & PROMOTED
	TER / INT	27	29	24	27	29	29	165	22	20	22	22	22	107	22	20	22	21	22	107	779	779	9.62		PASSED & PROMOTED
	TOTAL	93	97	86	93	97	97	563	44	41	44	44	44	216	44	41	44	43	44	216	779	779	9.62		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A	A	A	A	A		A	A	A	A	A						PASSED & PROMOTED
20030480023 PRAFULLA SHEKHAR	FIN / EXT	64	68	63	67	68	67	397	23	23	23	23	22	114	23	23	23	23	22	114	790	790	9.81		PASSED & PROMOTED
	TER / INT	26	29	25	28	29	28	165	23	23	23	23	22	114	23	23	23	23	22	114	790	790	9.81		PASSED & PROMOTED
	TOTAL	90	97	88	95	97	95	562	46	46	46	46	44	228	46	46	46	46	44	228	790	790	9.81		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A+	A+	A+	A+	A		A+	A+	A+	A+	A						PASSED & PROMOTED
20030480024 PRANAV KUMAR SINGH	FIN / EXT	62	66	62	67	66	68	391	23	22	23	22	23	113	22	20	23	21	23	109	772	772	9.62		PASSED & PROMOTED
	TER / INT	24	27	24	28	27	29	159	22	20	23	21	23	109	22	20	23	21	23	109	772	772	9.62		PASSED & PROMOTED
	TOTAL	86	93	86	95	93	97	550	45	42	46	43	46	222	45	42	46	43	46	222	772	772	9.62		PASSED & PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A+	A	A+	A	A+		A	A	A+	A	A+						PASSED & PROMOTED
20030480025 PRANSHU	FIN / EXT	66	70	63	66	69	69	403	23	24	24	22	23	116	22	24	25	21	23	115	800	800	9.81		PASSED & PROMOTED
	TER / INT	27	30	24	27	29	29	166	22	24	25	21	23	115	22	24	25	21	23	115	800	800	9.81		PASSED & PROMOTED
	TOTAL	93	100	87	93	98	98	569	45	48	49	43	46	231	45	48	49	43	46	231	800	800	9.81		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A+	A+	A+	A	A+		A+	A+	A+	A	A+						PASSED & PROMOTED
20030480027 PRIYANSHU ORAON	FIN / EXT	61	67	63	65	68	67	391	22	21	22	22	22	109	22	21	22	22	22	109	770	770	9.52		PASSED & PROMOTED
	TER / INT	23	28	25	27	29	28	160	23	21	22	22	22	110	23	21	22	22	22	110	770	770	9.52		PASSED & PROMOTED
	TOTAL	84	95	88	92	97	95	551	45	42	44	44	44	219	45	42	44	44	44	219	770	770	9.52		PASSED & PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A+	A	A	A	A		A+	A	A	A	A						PASSED & PROMOTED
20030480028 RISHU ROSHAN JHA	FIN / EXT	65	68	63	66	68	67	397	22	21	22	22	22	109	22	20	22	21	21	106	775	775	9.62		PASSED & PROMOTED
	TER / INT	26	29	24	27	29	28	163	22	20	22	21	21	106	22	20	22	21	21	106	775	775	9.62		PASSED & PROMOTED
	TOTAL	91	97	87	93	97	95	560	44	41	44	43	43	215	44	41	44	43	43	215	775	775	9.62		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A	A	A	A	A		A	A	A	A	A						PASSED & PROMOTED
20030480029 RUHI RANI	FIN / EXT	63	67	63	67	67	67	394	23	22	22	22	23	112	23	22	22	22	23	112	780	780	9.57		PASSED & PROMOTED
	TER / INT	25	28	25	28	28	28	162	23	22	22	22	23	112	23	22	22	22	23	112	780	780	9.57		PASSED & PROMOTED
	TOTAL	88	95	88	95	95	95	556	46	44	44	44	46	224	46	44	44	44	46	224	780	780	9.57		PASSED & PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A+	A	A	A	A+		A	A	A	A	A+						PASSED & PROMOTED
20030480030 SAHIL VISHWAKARMA	FIN / EXT	63	70	60	67	66	68	394	22	22	22	22	22	110	21	22	22	21	22	108	772	772	9.48		PASSED & PROMOTED
	TER / INT	24	30	22	28	27	29	160	21	22	22	21	22	108	21	22	22	21	22	108	772	772	9.48		PASSED & PROMOTED
	TOTAL	87	100	82	95	93	97	554	43	44	44	43	44	218	43	44	44	43	44	218	772	772	9.48		PASSED & PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A	A	A	A	A		A	A	A	A	A						PASSED & PROMOTED
20030480031 SAMIR KUMAR TUDU	FIN / EXT	58	64	62	64	67	67	382	20	20	22	22	22	106	18	18	22	23	23	104	748	748	9.33		PASSED & PROMOTED
	TER / INT	21	26	25	26	29	29	156	18	18	22	23	23	104	18	18	22	23	23	104	748	748	9.33		PASSED & PROMOTED
	TOTAL	79	90	87	90	96	96	538	38	38	44	45	45	210	38	38	44	45	45	210	748	748	9.33		PASSED & PROMOTED
	GRADE	B+	A+	A	A+	A+	A+		B+	B+	A	A+	A+		B+	B+	A	A+	A+						PASSED & PROMOTED
20030480034 SHWETA RANI	FIN / EXT	64	69	64	66	68	68	399	22	22	22	21	22	109	23	22	23	21	23	112	785	785	9.62		PASSED & PROMOTED
	TER / INT	25	30	25	27	29	29	165	23	22	23	21	23	112	23	22	23	21	23	112	785	785	9.62		PASSED & PROMOTED
	TOTAL	89	99	89	93	97	97	564	45	44	45	42	45	221	45	44	45	42	45	221	785	785	9.62		PASSED & PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A+	A	A+	A	A+		A+	A	A+	A	A+						PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

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Verifying Officer

Controller of Examination

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 4 of 4

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		IT301	CS301	EC301	EC302	BSC301	BSC302	TOTAL THEORY	IT301P	CS301P	EC302P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59%	C+																		
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35%	F																		
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				
20030480036 SONU KUMAR RAJAK	FIN / EXT TER / INT TOTAL GRADE	61 23 84 A	65 27 92 A+	62 24 86 A	64 26 90 A+	68 29 97 A+	68 29 97 A+	388 158 546	21 21 42 A	20 20 40 A	22 24 46 A+	21 21 42 A	20 19 39 B+	104 105 209	755	755	9.48		PASSED & PROMOTED
20030480037 SUBHASH KUMAR YADAV	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	66 27 93 A+	63 25 88 A	67 28 95 A+	68 29 97 A+	67 28 95 A+	395 163 558	22 21 43 A	22 21 43 A	24 25 49 A+	23 22 45 A+	23 22 45 A+	114 111 225	783	783	9.76		PASSED & PROMOTED
20030480038 UNNAT KUMAR	FIN / EXT TER / INT TOTAL GRADE	66 27 93 A+	69 30 99 A+	64 25 89 A	66 27 93 A+	68 29 97 A+	66 27 93 A+	399 165 564	22 20 42 A	23 23 46 A+	23 22 45 A+	23 23 46 A+	23 22 45 A+	114 110 224	788	788	9.81		PASSED & PROMOTED
20030480039 VIJAY KUMAR	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	67 28 95 A+	60 22 82 A	67 28 95 A+	68 29 97 A+	68 29 97 A+	393 161 554	22 21 43 A	22 22 44 A	23 24 47 A+	22 21 43 A	22 22 44 A	111 110 221	775	775	9.52		PASSED & PROMOTED
20030480040 VISHWAJEET KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	62 24 86 A	64 26 90 A+	62 24 86 A	68 29 97 A+	68 29 97 A+	66 27 93 A+	390 159 549	21 20 41 A	21 19 40 A	22 22 44 A	22 22 44 A	22 22 44 A	108 105 213	762	762	9.48		PASSED & PROMOTED
20030480041 AMAN KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	62 24 86 A	65 27 92 A+	59 22 81 A	66 28 94 A+	67 29 96 A+	67 29 96 A+	386 159 545	21 20 41 A	21 19 40 A	23 24 47 A+	22 21 43 A	23 24 47 A+	110 108 218	763	763	9.57		PASSED & PROMOTED
20030480042 AVINASH KUMAR	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	66 28 94 A+	63 25 88 A	65 27 92 A+	66 28 94 A+	66 28 94 A+	389 161 550	21 21 42 A	20 19 39 B+	22 23 45 A+	22 22 44 A	23 24 47 A+	108 109 217	767	767	9.52		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI		
SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI		
B.I.T , SINDRI , DHANBAD		
B.TECH 3RD SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2021		
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.		
PAPER CODE	PASSING HEAD	PAPERS
ME301	THERMODYNAMICS	THEORY
ME302	FLUID MECHANICS	THEORY
ME303	STRENGTH OF MATERIALS	THEORY
MT301	MATERIALS ENGINEERING	THEORY
BSC301	MATHEMATICS-III	THEORY
BSC302	ENVIRONMENTAL SCIENCE	THEORY
ME301P	THERMODYNAMICS LAB	PRACTICAL
ME302P	FLUID MECHANICS LAB	PRACTICAL
ME303P	STRENGTH OF MATERIALS LAB	PRACTICAL
EX301	EXTRA ACTIVITIES (NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT)	PRACTICAL
HS301	COMMUNICATION SKILL LAB	PRACTICAL

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B.TECH 3RD SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030490001 AADIL SHAMIM	FIN / EXT TER / INT TOTAL GRADE	59 24 83 A	64 28 92 A+	58 23 81 A	57 22 79 B+	64 28 92 A+	63 27 90 A+	365 152 517	20 19 39 B+	21 21 42 A	19 17 36 B+	21 22 43 A	22 23 45 A+	103 102 205	722	722	9.14	PASSED & PROMOTED	
20030490002 ABHAY TOPPO	FIN / EXT TER / INT TOTAL GRADE	63 27 90 A+	64 28 92 A+	58 23 81 A	56 21 77 B+	64 28 92 A+	64 28 92 A+	369 155 524	22 24 46 A+	21 22 43 A	21 21 42 A	21 22 43 A	21 21 42 A	106 110 216	740	740	9.38	PASSED & PROMOTED	
20030490003 ABHISHEK ANAND	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	65 27 92 A+	64 26 90 A+	59 22 81 A	66 28 94 A+	69 30 99 A+	389 161 550	23 24 47 A+	22 21 43 A	23 23 46 A+	23 23 46 A+	22 22 44 A	113 113 226	776	776	9.76	PASSED & PROMOTED	
20030490004 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	66 28 94 A+	57 20 77 B+	63 25 88 A	67 29 96 A+	67 29 96 A+	387 160 547	23 24 47 A+	22 23 45 A+	22 22 44 A	21 21 42 A	21 21 42 A	109 111 220	767	767	9.43	PASSED & PROMOTED	
20030490005 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	62 26 88 A	59 24 83 A	56 21 77 B+	57 22 79 B+	62 26 88 A	63 27 90 A+	359 146 505	23 24 47 A+	22 22 44 A	22 23 45 A+	21 20 41 A	21 21 42 A	109 110 219	724	724	8.81	PASSED & PROMOTED	
20030490006 ABHISHEK KUMAR VAIBHAV	FIN / EXT TER / INT TOTAL GRADE	60 23 83 A	65 27 92 A+	58 21 79 B+	65 27 92 A+	66 28 94 A+	67 29 96 A+	381 155 536	20 18 38 B+	23 23 46 A+	22 22 44 A	23 23 46 A+	23 23 46 A+	111 109 220	756	756	9.43	PASSED & PROMOTED	
20030490007 ADARSH KUMAR VERMA	FIN / EXT TER / INT TOTAL GRADE	48 15 63 B	61 26 87 A	52 18 70 B+	56 22 78 B+	53 19 72 B+	60 25 85 A	330 125 455	18 16 34 B	21 21 42 A	19 18 37 B+	20 20 40 A	22 24 46 A+	100 99 199	654	654	8.14	PASSED & PROMOTED	
20030490008 ADITYA DASGUPTA	FIN / EXT TER / INT TOTAL GRADE	61 23 84 A	67 28 95 A+	57 20 77 B+	55 18 73 B+	67 28 95 A+	68 29 97 A+	375 146 521	21 19 40 A	22 22 44 A	23 23 46 A+	22 21 43 A	23 23 46 A+	111 108 219	740	740	9.14	PASSED & PROMOTED	
20030490009 ADITYA GAUTAM	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	64 26 90 A+	62 24 86 A	56 19 75 B+	68 29 97 A+	69 30 99 A+	386 156 542	23 24 47 A+	22 22 44 A	22 22 44 A	21 20 41 A	22 23 45 A+	110 111 221	763	763	9.43	PASSED & PROMOTED	
20030490010 ADITYA PRATIK	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	62 24 86 A	60 23 83 A	66 28 94 A+	67 29 96 A+	66 28 94 A+	384 157 541	22 22 44 A	22 21 43 A	22 21 43 A	22 22 44 A	23 23 46 A+	111 109 220	761	761	9.38	PASSED & PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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B.TECH 3RD SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 2 of 11

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
90% \geq A+																			
80% - 89% A																			
70% - 79% B+		3	3	3	3	4	0	16	1	1	1	1	1	5	21				
60% - 69% B		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
50% - 59% C+		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
35% - 49% C		100	100	100	100	100	100	600	50	50	50	50	50	250	850				
<35% F																			
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				
20030490011 AJAY RAVIDAS	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	62 25 87 A	57 21 78 B+	58 22 80 A	65 28 93 A+	67 29 96 A+	374 153 527	21 22 43 A	21 22 43 A	19 17 36 B+	21 22 43 A	22 24 46 A+	104 107 211	738	738	9.19		PASSED & PROMOTED
20030490012 AKASH KUMAR DAS	FIN / EXT TER / INT TOTAL GRADE	53 18 71 B+	65 28 93 A+	56 20 76 B+	60 24 84 A	66 29 95 A+	63 26 89 A	363 145 508	18 16 34 B	21 22 43 A	19 17 36 B+	21 21 42 A	19 18 37 B+	98 94 192	700	700	8.86		PASSED & PROMOTED
20030490013 AKASH KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	61 23 84 A	66 27 93 A+	61 23 84 A	63 25 88 A	66 27 93 A+	68 29 97 A+	385 154 539	20 19 39 B+	22 23 45 A+	22 23 45 A+	22 23 45 A+	22 22 44 A	108 110 218	757	757	9.43		PASSED & PROMOTED
20030490014 AKASH MAJHI	FIN / EXT TER / INT TOTAL GRADE	53 18 71 B+	58 22 80 A	57 21 78 B+	60 24 84 A	62 26 88 A	66 29 95 A+	356 140 496	18 16 34 B	19 18 37 B+	20 19 39 B+	21 22 43 A	10 - 10* F	88 75 163	659	659	8.10		PROMOTED
20030490015 AKASHDEEP	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	59 21 80 A	66 27 93 A+	66 27 93 A+	68 29 97 A+	391 159 550	23 24 47 A+	23 23 46 A+	22 22 44 A	22 21 43 A	22 22 44 A	112 112 224	774	774	9.71		PASSED & PROMOTED
20030490016 ALOK KUMAR	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	66 27 93 A+	64 26 90 A+	66 27 93 A+	68 29 97 A+	68 29 97 A+	400 167 567	23 24 47 A+	21 21 42 A	22 22 44 A	22 22 44 A	22 22 44 A	110 111 221	788	788	9.81		PASSED & PROMOTED
20030490017 AMAN TOPPO	FIN / EXT TER / INT TOTAL GRADE	53 18 71 B+	63 27 90 A+	55 20 75 B+	60 24 84 A	60 24 84 A	65 29 94 A+	356 142 498	18 16 34 B	20 21 41 A	20 21 41 A	21 23 44 A	20 20 40 A	99 101 200	698	698	8.76		PASSED & PROMOTED
20030490018 AMPA HEMBROM	FIN / EXT TER / INT TOTAL GRADE	57 22 79 B+	61 26 87 A	52 18 70 B+	56 21 77 B+	61 26 87 A	65 29 94 A+	352 142 494	19 18 37 B+	20 21 41 A	18 16 34 B	20 21 41 A	20 21 41 A	97 97 194	688	688	8.43		PASSED & PROMOTED
20030490019 ANIKET BALLABH	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	64 25 89 A	62 23 85 A	60 22 82 A	65 26 91 A+	69 29 98 A+	387 153 540	23 24 47 A+	22 23 45 A+	21 21 42 A	22 22 44 A	22 23 45 A+	110 113 223	763	763	9.48		PASSED & PROMOTED
20030490020 ANIKET SINGH	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	67 28 95 A+	61 23 84 A	62 24 86 A	67 28 95 A+	68 29 97 A+	393 161 554	23 24 47 A+	23 23 46 A+	23 23 46 A+	23 23 46 A+	23 23 46 A+	115 116 231	785	785	9.71		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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Pages : 3 of 11

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	90% \geq A+	3	3	3	3	4	0	16	1	1	1	1	1	5	21		SGPA	CGPA	Remarks
Full Marks - Final / Ext.	80% - 89% A	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	70% - 79% B+	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	60% - 69% B	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	50% - 59% C+	21	21	21	21	21	21	-	-	-	-	-	-	-	-	-			
Pass Marks - Subject	35% - 49% C	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	<35% F																		
20030490021 ANISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	65 28 93 A+	54 18 72 B+	57 21 78 B+	67 29 96 A+	63 26 89 A	371 150 521	22 24 46 A+	19 18 37 B+	21 21 42 A	10 - 10*	20 20 40 A	92 83 175	696	696	8.76	PROMOTED	
20030490023 ANKIT KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	65 27 92 A+	65 27 92 A+	61 23 84 A	63 25 88 A	68 29 97 A+	66 28 94 A+	388 159 547	22 22 44 A	22 22 44 A	23 24 47 A+	11 - 11*	22 22 44 A	100 90 190	737	737	9.10	PROMOTED	
20030490024 ANKUSH KUMAR	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	61 23 84 A	66 27 93 A+	68 29 97 A+	68 29 97 A+	395 163 558	23 24 47 A+	21 21 42 A	20 19 39 B+	11 - 11*	22 22 44 A	97 86 183	741	741	9.19	PROMOTED	
20030490025 ANUJ SINGH	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	67 28 95 A+	65 26 91 A+	65 26 91 A+	67 28 95 A+	68 29 97 A+	400 166 566	24 24 48 A+	23 22 45 A+	24 24 48 A+	12 - 12*	23 23 46 A+	106 93 199	765	765	9.52	PROMOTED	
20030490026 ANURAG PANDEY	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	65 27 92 A+	59 22 81 A	62 24 86 A	67 29 96 A+	67 29 96 A+	386 159 545	24 24 48 A+	23 22 45 A+	24 24 48 A+	12 - 12*	23 23 46 A+	106 93 199	744	744	9.24	PROMOTED	
20030490027 ASHUTOSH KUMAR	FIN / EXT TER / INT TOTAL GRADE	51 16 67 B	61 25 86 A	53 18 71 B+	63 27 90 A+	53 18 71 B+	63 27 90 A+	344 131 475	19 16 35 B+	21 21 42 A	22 22 44 A	11 - 11*	11 - 11*	84 59 143	618	618	7.62	PROMOTED	
20030490028 AVINASH PRASAD	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	66 27 93 A+	64 26 90 A+	66 27 93 A+	68 29 97 A+	68 29 97 A+	401 168 569	24 24 48 A+	23 23 46 A+	22 21 43 A	12 - 12*	23 23 46 A+	104 91 195	764	764	9.48	PROMOTED	
20030490029 AVYANSHU	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	63 25 88 A	62 24 86 A	65 27 92 A+	68 29 97 A+	66 28 94 A+	392 162 554	23 24 47 A+	22 22 44 A	22 23 45 A+	11 - 11*	23 24 47 A+	101 93 194	748	748	9.19	PROMOTED	
20030490030 AYUSH RAJ	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	66 27 93 A+	62 24 86 A	63 25 88 A	64 26 90 A+	68 29 97 A+	391 160 551	22 22 44 A	22 22 44 A	22 22 44 A	11 - 11*	23 24 47 A+	100 90 190	741	741	9.10	PROMOTED	
20030490031 BIKRAM KUMAR MAHATO	FIN / EXT TER / INT TOTAL GRADE	53 18 71 B+	62 26 88 A	55 20 75 B+	63 27 90 A+	58 22 80 A	66 29 95 A+	357 142 499	19 16 35 B+	21 21 42 A	20 19 39 B+	11 - 11*	21 20 41 A	92 76 168	667	667	8.33	PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 4 of 11

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A	Course Credit Point	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-						
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	FIN / EXT	63	62	61	58	65	67	376	21	20	20	10	20	91					
	TER / INT	26	25	24	21	27	29	152	22	21	21	-	20	84	703	703	8.62		PROMOTED
	TOTAL	89	87	85	79	92	96	528	43	41	41	10*	40	175					
	GRADE	A	A	A	B+	A+	A+		A	A	A	F	A						
	FIN / EXT	42	56	56	50	57	61	322	18	20	18	10	21	87					
	TER / INT	11	23	23	18	24	27	126	16	21	16	-	22	75	610	610	7.38		PROMOTED
	TOTAL	53	79	79	68	81	88	448	34	41	34	10*	43	162					
	GRADE	C+	B+	B+	B	A	A		B	A	B	F	A						
	FIN / EXT	65	59	55	60	65	64	368	21	22	19	10	20	92					
	TER / INT	28	23	20	24	28	27	150	22	23	18	-	20	83	693	693	8.76		PROMOTED
	TOTAL	93	82	75	84	93	91	518	43	45	37	10*	40	175					
	GRADE	A+	A	B+	A	A+	A+		A	A+	B+	F	A						
	FIN / EXT	56	56	57	50	58	63	340	17	20	18	9	19	83					
	TER / INT	23	23	24	18	25	29	142	16	21	18	-	19	74	639	639	7.81		PROMOTED
	TOTAL	79	79	81	68	83	92	482	33	41	36	9*	38	157					
	GRADE	B+	B+	A	B	A	A+		B	A	B+	F	B+						
	FIN / EXT	69	64	57	62	64	66	382	23	22	19	11	22	97					
	TER / INT	30	26	20	24	26	27	153	24	22	17	-	23	86	718	718	8.95		PROMOTED
	TOTAL	99	90	77	86	90	93	535	47	44	36	11*	45	183					
	GRADE	A+	A+	B+	A	A+	A+		A+	A	B+	F	A+						
	FIN / EXT	47	56	50	50	52	60	315	18	20	18	10	21	87					
	TER / INT	16	23	18	18	20	27	122	16	21	16	-	23	76	600	600	7.19		PROMOTED
	TOTAL	63	79	68	68	72	87	437	34	41	34	10*	44	163					
	GRADE	B	B+	B	B	B+	A		B	A	B	F	A						
	FIN / EXT	62	64	54	65	66	66	377	19	21	21	10	21	92					
	TER / INT	25	27	18	28	29	29	156	18	21	21	-	21	81	706	706	8.86		PROMOTED
	TOTAL	87	91	72	93	95	95	533	37	42	42	10*	42	173					
	GRADE	A	A+	B+	A+	A+	A+		B+	A	A	F	A						
	FIN / EXT	57	62	52	58	65	65	359	19	22	21	11	23	96					
	TER / INT	22	27	18	23	29	29	148	16	22	20	-	23	81	684	684	8.48		PROMOTED
	TOTAL	79	89	70	81	94	94	507	35	44	41	11*	46	177					
	GRADE	B+	A	B+	A	A+	A+		B+	A	A	F	A+						
	FIN / EXT	57	66	62	62	65	66	378	19	22	22	11	22	96					
	TER / INT	20	28	24	24	27	28	151	16	22	23	-	23	84	709	709	8.81		PROMOTED
	TOTAL	77	94	86	86	92	94	529	35	44	45	11*	45	180					
	GRADE	B+	A+	A	A	A+	A+		B+	A	A+	F	A+						
	FIN / EXT	65	64	57	61	67	66	380	23	21	22	11	22	99					
	TER / INT	27	26	20	24	29	28	154	24	20	23	-	23	90	723	723	9.05		PROMOTED
	TOTAL	92	90	77	85	96	94	534	47	41	45	11*	45	189					
	GRADE	A+	A+	B+	A	A+	A+		A+	A	A+	F	A+						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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Verifying Officer

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SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
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Pages : 5 of 11

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A																			
70% - 79% B+		3	3	3	3	4	0	16	1	1	1	1	1	5	21				
60% - 69% B	Course Credit Point	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
50% - 59% C+	Full Marks - Final / Ext.	30	30	30	30	30	30	180	25	25	25	25	25	125	305			SGPA	CGPA
35% - 49% C	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
<35% F	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			Remarks
	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				
	FIN / EXT	69	66	63	64	69	69	400	23	22	23	11	23	102					
	TER / INT	29	27	24	25	29	29	163	24	22	24	-	24	94	759	759	9.19		PROMOTED
	TOTAL	98	93	87	89	98	98	563	47	44	47	11*	47	196					
	GRADE	A+	A+	A	A	A+	A+		A+	A	A+	F	A+						
	FIN / EXT	63	62	53	59	61	62	360	23	21	22	11	11	88					
	TER / INT	28	27	19	24	26	27	151	24	21	23	-	-	68	667	667	8.24		PROMOTED
	TOTAL	91	89	72	83	87	89	511	47	42	45	11*	11*	156					
	GRADE	A+	A	B+	A	A	A		A+	A	A+	F	F						
	FIN / EXT	58	66	62	63	65	66	380	19	22	23	11	23	98					
	TER / INT	21	28	24	25	27	28	153	16	22	23	-	23	84	715	715	8.81		PROMOTED
	TOTAL	79	94	86	88	92	94	533	35	44	46	11*	46	182					
	GRADE	B+	A+	A	A	A+	A+		B+	A	A+	F	A+						
	FIN / EXT	67	64	61	64	64	67	387	23	21	21	11	22	98					
	TER / INT	29	27	24	27	27	29	163	24	21	20	-	22	87	735	735	9.24		PROMOTED
	TOTAL	96	91	85	91	91	96	550	47	42	41	11*	44	185					
	GRADE	A+	A+	A	A+	A+	A+		A+	A	A	F	A						
	FIN / EXT	53	63	61	61	64	67	369	18	21	20	10	21	90					
	TER / INT	17	26	24	24	27	29	147	16	21	20	-	21	78	684	684	8.52		PROMOTED
	TOTAL	70	89	85	85	91	96	516	34	42	40	10*	42	168					
	GRADE	B+	A	A	A	A+	A+		B	A	A	F	A						
	FIN / EXT	65	64	57	58	63	66	373	23	21	21	11	22	98					
	TER / INT	28	27	21	22	26	29	153	24	21	21	-	23	89	713	713	8.81		PROMOTED
	TOTAL	93	91	78	80	89	95	526	47	42	42	11*	45	187					
	GRADE	A+	A+	B+	A	A	A+		A+	A	A	F	A+						
	FIN / EXT	69	64	61	62	68	68	392	23	22	23	11	22	101					
	TER / INT	30	26	23	24	29	29	161	24	22	24	-	22	92	746	746	9.14		PROMOTED
	TOTAL	99	90	84	86	97	97	553	47	44	47	11*	44	193					
	GRADE	A+	A+	A	A	A+	A+		A+	A	A+	F	A						
	FIN / EXT	62	64	65	66	68	68	393	20	22	23	11	22	98					
	TER / INT	24	26	27	28	29	29	163	18	23	24	-	23	88	742	742	9.29		PROMOTED
	TOTAL	86	90	92	94	97	97	556	38	45	47	11*	45	186					
	GRADE	A	A+	A+	A+	A+	A+		B+	A+	A+	F	A+						
	FIN / EXT	66	64	57	65	63	68	383	22	20	21	10	10	83					
	TER / INT	28	26	20	27	25	29	155	24	19	22	-	-	65	686	686	8.43		PROMOTED
	TOTAL	94	90	77	92	88	97	538	46	39	43	10*	10*	148					
	GRADE	A+	A+	B+	A+	A	A+		A+	B+	A	F	F						
	FIN / EXT	62	63	62	61	65	63	376	22	22	23	11	22	100					
	TER / INT	26	27	26	25	28	27	159	22	23	24	-	22	91	726	726	9.00		PROMOTED
	TOTAL	88	90	88	86	93	90	535	44	45	47	11*	44	191					
	GRADE	A	A+	A	A	A+	A+		A	A+	A+	F	A						

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 * Represents candidate couldn't secure minimum requisite marks to pass.

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Pages : 6 of 11

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A	Course Credit Point	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-						
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	FIN / EXT	65	65	60	62	60	65	377	22	22	21	11	22	98					
	TER / INT	28	28	23	25	23	28	155	22	22	20	-	22	86	716	716	8.86		PROMOTED
	TOTAL	93	93	83	87	83	93	532	44	44	41	11*	44	184					
	GRADE	A+	A+	A	A	A	A+		A	A	A	F	A						
	FIN / EXT	66	64	58	62	68	66	384	22	22	20	10	21	95					
	TER / INT	28	26	21	24	29	28	156	24	23	20	-	21	88	723	723	9.00		PROMOTED
	TOTAL	94	90	79	86	97	94	540	46	45	40	10*	42	183					
	GRADE	A+	A+	B+	A	A+	A+		A+	A+	A	F	A						
	FIN / EXT	69	66	62	66	68	67	398	23	23	23	11	23	103					
	TER / INT	30	27	24	27	29	28	165	24	23	23	-	23	93	759	759	9.38		PROMOTED
	TOTAL	99	93	86	93	97	95	563	47	46	46	11*	46	196					
	GRADE	A+	A+	A	A+	A+	A+		A+	A+	A+	F	A+						
	FIN / EXT	58	59	55	56	59	66	353	22	21	20	10	21	94					
	TER / INT	23	24	20	21	24	30	142	24	21	19	-	21	85	674	674	8.29		PROMOTED
	TOTAL	81	83	75	77	83	96	495	46	42	39	10*	42	179					
	GRADE	A	A	B+	B+	A	A+		A+	A	B+	F	A						
	FIN / EXT	66	64	57	61	66	66	380	22	22	22	11	22	99					
	TER / INT	28	26	20	24	28	28	154	22	23	22	-	23	90	723	723	9.00		PROMOTED
	TOTAL	94	90	77	85	94	94	534	44	45	44	11*	45	189					
	GRADE	A+	A+	B+	A	A+	A+		A	A+	A	F	A+						
	FIN / EXT	68	63	62	63	68	66	390	23	21	22	11	22	99					
	TER / INT	29	25	24	25	29	27	159	24	21	22	-	23	90	738	738	9.00		PROMOTED
	TOTAL	97	88	86	88	97	93	549	47	42	44	11*	45	189					
	GRADE	A+	A	A	A	A+	A+		A+	A	A	F	A+						
	FIN / EXT	65	65	57	62	64	67	380	22	22	22	11	22	99					
	TER / INT	27	27	20	25	26	29	154	22	21	21	-	22	86	719	719	8.90		PROMOTED
	TOTAL	92	92	77	87	90	96	534	44	43	43	11*	44	185					
	GRADE	A+	A+	B+	A	A+	A+		A	A	A	F	A						
	FIN / EXT	68	67	59	64	64	68	390	23	21	23	11	23	101					
	TER / INT	29	28	21	25	25	29	157	24	20	23	-	23	90	738	738	9.00		PROMOTED
	TOTAL	97	95	80	89	89	97	547	47	41	46	11*	46	191					
	GRADE	A+	A+	A	A	A	A+		A+	A	A+	F	A+						
	FIN / EXT	68	67	62	62	68	66	393	23	22	23	11	23	102					
	TER / INT	29	28	24	24	29	27	161	24	23	24	-	24	95	751	751	9.24		PROMOTED
	TOTAL	97	95	86	86	97	93	554	47	45	47	11*	47	197					
	GRADE	A+	A+	A	A	A+	A+		A+	A+	A+	F	A+						
	FIN / EXT	53	62	53	57	60	63	348	19	22	22	11	22	96					
	TER / INT	18	26	18	22	24	27	135	16	22	22	-	21	81	660	660	8.10		PROMOTED
	TOTAL	71	88	71	79	84	90	483	35	44	44	11*	43	177					
	GRADE	B+	A	B+	B+	A	A+		B+	A	A	F	A						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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Pages : 7 of 11

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+																		
60% - 69%	B	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
50% - 59%	C+	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35%	F																		
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				
	FIN / EXT	68	67	66	67	68	68	404	23	23	23	11	23	103					
20030490064	TER / INT	29	28	27	28	29	29	170	24	23	24	-	23	94					
PRITY CHOUDHARY	TOTAL	97	95	93	95	97	97	574	47	46	47	11*	46	197	771	771	9.52		PROMOTED
	GRADE	A+	A+	A+	A+	A+	A+		A+	A+	A+	F	A+						
	FIN / EXT	62	63	59	62	63	62	371	22	20	18	10	20	90					
20030490065	TER / INT	25	26	23	25	26	25	150	24	21	17	-	20	82					
PUJA DONGO	TOTAL	87	89	82	87	89	87	521	46	41	35	10*	40	172	693	693	8.57		PROMOTED
	GRADE	A	A	A	A	A	A		A+	A	B+	F	A						
	FIN / EXT	61	64	64	62	61	67	379	22	21	21	10	20	94					
20030490066	TER / INT	24	26	26	25	24	29	154	23	22	22	-	20	87					
RAHAT KAPUR RAGHAV	TOTAL	85	90	90	87	85	96	533	45	43	43	10*	40	181	714	714	8.90		PROMOTED
	GRADE	A	A+	A+	A	A	A+		A+	A	A	F	A						
	FIN / EXT	63	64	62	62	58	66	375	22	23	22	11	23	101					
20030490067	TER / INT	26	27	25	25	22	29	154	21	23	22	-	23	89					
RAHUL KUMAR	TOTAL	89	91	87	87	80	95	529	43	46	44	11*	46	190	719	719	8.81		PROMOTED
	GRADE	A	A+	A	A	A	A+		A	A+	A	F	A+						
	FIN / EXT	63	66	62	62	66	66	385	22	23	22	11	22	100					
20030490068	TER / INT	26	28	25	25	28	28	160	22	24	22	-	22	90					
RAHUL MAHATO	TOTAL	89	94	87	87	94	94	545	44	47	44	11*	44	190	735	735	8.95		PROMOTED
	GRADE	A	A+	A	A	A+	A+		A	A+	A	F	A						
	FIN / EXT	68	66	63	63	68	68	396	21	22	21	10	22	96					
20030490069	TER / INT	29	27	25	25	29	29	164	22	23	22	-	24	91					
RAJ SHEKHAR SINGH	TOTAL	97	93	88	88	97	97	560	43	45	43	10*	46	187	747	747	9.14		PROMOTED
	GRADE	A+	A+	A	A	A+	A+		A	A+	A	F	A+						
	FIN / EXT	65	65	64	66	67	68	395	21	23	22	11	23	100					
20030490070	TER / INT	26	26	25	27	28	29	161	21	24	22	-	24	91					
RANA RANDEEP	TOTAL	91	91	89	93	95	97	556	42	47	44	11*	47	191	747	747	9.29		PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A	A+	A	F	A+						
	FIN / EXT	64	66	63	63	66	66	388	22	23	22	11	22	100					
20030490071	TER / INT	26	28	25	25	28	28	160	23	24	22	-	22	91					
RANJEET RATAN	TOTAL	90	94	88	88	94	94	548	45	47	44	11*	44	191	739	739	9.14		PROMOTED
	GRADE	A+	A+	A	A	A+	A+		A+	A+	A	F	A						
	FIN / EXT	58	66	62	61	67	67	381	22	22	21	10	21	96					
20030490072	TER / INT	21	28	25	24	29	29	156	23	24	22	-	21	90					
RATNESH KUMAR	TOTAL	79	94	87	85	96	96	537	45	46	43	10*	42	186	723	723	8.86		PROMOTED
	GRADE	B+	A+	A	A	A+	A+		A+	A+	A	F	A						
	FIN / EXT	63	65	62	66	65	68	389	22	22	22	11	23	100					
20030490073	TER / INT	25	26	24	27	26	29	157	22	22	22	-	24	90					
RAUNAK SINGH	TOTAL	88	91	86	93	91	97	546	44	44	44	11*	47	190	736	736	9.10		PROMOTED
	GRADE	A	A+	A	A+	A+	A+		A	A	A	F	A+						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

(Computer Generated, If any error occurs that will be rectified)

Verifying Assistant

Verifying Officer

Controller of Examination

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030490074 RAVI KUMAR	FIN / EXT TER / INT TOTAL GRADE	59 22 81 A	65 27 92 A+	63 25 88 A	62 24 86 A	65 27 92 A+	66 28 94 A+	380 153 533 A	21 21 42 A	22 23 45 A+	22 22 44 A	11 - 11* F	21 20 41 A	97 86 183	716	716	8.95	PROMOTED							
20030490075 RISHI RAUNAK PAHAN	FIN / EXT TER / INT TOTAL GRADE	62 25 87 A	65 28 93 A+	61 24 85 A	58 22 80 A	60 23 83 A	65 28 93 A+	371 150 521 A	21 21 42 A	23 24 47 A+	22 22 44 A	11 - 11* F	22 22 44 A	99 89 188	709	709	8.76	PROMOTED							
20030490076 SACHIDANAND MUNDA	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	62 26 88 A	59 23 82 A	59 23 82 A	64 28 92 A+	66 29 95 A+	370 153 523 A	21 22 43 A	20 20 40 A	21 22 43 A	10 - 10* F	21 21 42 A	93 85 178	701	701	8.76	PROMOTED							
20030490077 SALIL BIRUA	FIN / EXT TER / INT TOTAL GRADE	55 21 76 B+	60 25 85 A	58 23 81 A	58 23 81 A	63 28 91 A+	63 28 91 A+	357 148 505 A	22 22 44 A	22 22 44 A	22 22 44 A	11 - 11* F	21 21 42 A	98 87 185	690	690	8.62	PROMOTED							
20030490079 SHANTANU BISTU	FIN / EXT TER / INT TOTAL GRADE	61 24 85 A	66 28 94 A+	62 25 87 A	59 22 81 A	66 28 94 A+	67 29 96 A+	381 156 537 A	21 21 42 A	23 24 47 A+	22 22 44 A	11 - 11* F	23 24 47 A+	100 91 191	728	728	9.00	PROMOTED							
20030490080 SHANTI RAM SOREN	FIN / EXT TER / INT TOTAL GRADE	62 27 89 A	61 26 87 A	59 24 83 A	59 24 83 A	64 29 93 A+	64 29 93 A+	369 159 528 A	21 22 43 A	20 20 40 A	21 22 43 A	10 - 10* F	20 20 40 A	92 84 176	704	704	8.76	PROMOTED							
20030490082 SHAURYA GUPTA	FIN / EXT TER / INT TOTAL GRADE	65 26 91 A+	66 27 93 A+	65 26 91 A+	66 27 93 A+	63 24 87 A	68 29 97 A+	393 159 552 A	23 23 46 A+	23 24 47 A+	22 22 44 A	11 - 11* F	23 24 47 A+	102 93 195	747	747	9.29	PROMOTED							
20030490083 SHILASH ROY	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	64 26 90 A+	63 25 88 A	62 24 86 A	67 29 96 A+	67 29 96 A+	387 159 546 A	22 21 43 A	24 25 49 A+	22 22 44 A	11 - 11* F	23 24 47 A+	102 92 194	740	740	9.14	PROMOTED							
20030490084 SHIVAM CHANDRA	FIN / EXT TER / INT TOTAL GRADE	66 27 93 A+	66 27 93 A+	63 25 88 A	63 25 88 A	66 27 93 A+	68 29 97 A+	392 160 552 A	22 23 45 A+	22 23 45 A+	22 22 44 A	11 - 11* F	22 22 44 A	99 90 189	741	741	9.14	PROMOTED							
20030490085 SHIVCHARAN ORAON	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	64 27 91 A+	59 23 82 A	60 24 84 A	64 27 91 A+	64 27 91 A+	371 152 523 A	21 21 42 A	22 24 46 A+	21 22 43 A	10 - 10* F	21 21 42 A	95 88 183	706	706	8.95	PROMOTED							

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 9 of 11

SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point		3	3	3	3	4	0	16	1	1	1	1	1	5			
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				
20030490087 SHREYAS KUMAR TAH	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	64 26 90 A+	63 25 88 A	67 28 95 A+	68 29 97 A+	67 28 95 A+	392 161 553	21 21 42 A	22 24 46 A+	21 22 43 A	10 - 10* F	22 23 45 A+	96 90 186	739	739	9.14	PROMOTED	
20030490088 SHUBHAM BARANWAL	FIN / EXT TER / INT TOTAL GRADE	64 27 91 A+	60 24 84 A	63 26 89 A	60 24 84 A	64 27 91 A+	66 29 95 A+	377 157 534	22 22 44 A	22 23 45 A+	22 22 44 A	11 - 11* F	23 24 47 A+	100 91 191	725	725	9.00	PROMOTED	
20030490090 SHUBHAM KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	65 27 92 A+	64 26 90 A+	64 26 90 A+	63 25 88 A	67 28 95 A+	68 29 97 A+	391 161 552	21 22 43 A	22 23 45 A+	21 22 43 A	10 - 10* F	21 22 43 A	95 89 184	736	736	9.24	PROMOTED	
20030490092 SONU KUMAR SAHU	FIN / EXT TER / INT TOTAL GRADE	59 23 82 A	64 27 91 A+	59 23 82 A	57 21 78 B+	66 29 95 A+	66 29 95 A+	371 152 523	22 23 45 A+	21 21 42 A	22 22 44 A	11 - 11* F	22 22 44 A	98 88 186	709	709	8.81	PROMOTED	
20030490093 SOURAV KUMAR	FIN / EXT TER / INT TOTAL GRADE	65 27 92 A+	66 28 94 A+	64 26 90 A+	65 27 92 A+	67 29 96 A+	66 28 94 A+	393 165 558	22 22 44 A	23 24 47 A+	22 22 44 A	11 - 11* F	21 21 42 A	99 89 188	746	746	9.38	PROMOTED	
20030490094 SUMIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	64 27 91 A+	63 26 89 A	63 26 89 A	64 27 91 A+	60 23 83 A	64 27 91 A+	378 156 534	22 22 44 A	23 24 47 A+	22 22 44 A	11 - 11* F	23 23 46 A+	101 91 192	726	726	8.95	PROMOTED	
20030490095 SUMIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	66 27 93 A+	65 26 91 A+	65 26 91 A+	66 27 93 A+	66 27 93 A+	68 29 97 A+	396 162 558	23 23 46 A+	22 21 43 A	22 22 44 A	11 - 11* F	22 22 44 A	100 88 188	746	746	9.38	PROMOTED	
20030490096 SUMIT PRADHAN	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	64 26 90 A+	64 26 90 A+	63 25 88 A	68 29 97 A+	67 28 95 A+	393 162 555	23 23 46 A+	23 23 46 A+	22 21 43 A	11 - 11* F	22 22 44 A	101 89 190	745	745	9.29	PROMOTED	
20030490097 SUNIL BESRA	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	63 26 89 A	62 25 87 A	57 21 78 B+	63 26 89 A	64 27 91 A+	374 153 527	22 23 45 A+	21 21 42 A	21 22 43 A	10 - 10* F	21 22 43 A	95 88 183	710	710	8.62	PROMOTED	
20030490098 SUNIL KUMAR	FIN / EXT TER / INT TOTAL GRADE	63 26 89 A	63 26 89 A	59 23 82 A	57 21 78 B+	65 28 93 A+	65 28 93 A+	372 152 524	22 22 44 A	23 24 47 A+	22 22 44 A	11 - 11* F	22 22 44 A	100 90 190	714	714	8.67	PROMOTED	

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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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T, SINDRI, DHANBAD

B.TECH 3RD SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point	3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030490099 SURAJ GUPTA	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	63 26 89 A	62 25 87 A	64 27 91 A+	66 28 94 A+	67 29 96 A+	388 163 551	22 22 44 A	23 24 47 A+	22 22 44 A	11 - 11* F	22 22 44 A	100 90 190	741	741	9.10	PROMOTED	
20030490101 TEJASWI PANDEY	FIN / EXT TER / INT TOTAL GRADE	62 25 87 A	62 25 87 A	60 23 83 A	61 24 85 A	67 29 96 A+	68 30 98 A+	380 156 536	22 21 43 A	22 21 43 A	22 21 43 A	11 - 11* F	24 25 49 A+	101 88 189	725	725	8.81	PROMOTED	
20030490102 UTKARSH PRAKASH	FIN / EXT TER / INT TOTAL GRADE	66 27 93 A+	64 26 90 A+	62 24 86 A	67 28 95 A+	68 29 97 A+	68 29 97 A+	395 163 558	22 23 45 A+	22 22 44 A	22 22 44 A	11 - 11* F	21 20 41 A	98 87 185	743	743	9.24	PROMOTED	
20030490103 VAIBHAV GURUNG	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	66 27 93 A+	65 26 91 A+	62 24 86 A	67 28 95 A+	67 28 95 A+	394 161 555	22 22 44 A	23 24 47 A+	22 22 44 A	11 - 11* F	22 23 45 A+	100 91 191	746	746	9.29	PROMOTED	
20030490105 VIKRAM KISKU	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	64 26 90 A+	62 24 86 A	62 24 86 A	68 29 97 A+	68 29 97 A+	388 158 546	22 23 45 A+	21 21 42 A	21 22 43 A	10 - 10* F	23 25 48 A+	97 91 188	734	734	9.14	PROMOTED	
20030490106 VIKRAM VATSA	FIN / EXT TER / INT TOTAL GRADE	64 25 89 A	65 26 91 A+	64 25 89 A	64 25 89 A	65 26 91 A+	68 29 97 A+	390 156 546	23 23 46 A+	23 23 46 A+	22 22 44 A	11 - 11* F	23 24 47 A+	102 92 194	740	740	9.05	PROMOTED	
20030490107 VINIT DANG	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	63 25 88 A	63 25 88 A	63 25 88 A	67 29 96 A+	67 29 96 A+	386 158 544	21 21 42 A	21 21 42 A	21 22 43 A	10 - 10* F	21 22 43 A	94 86 180	724	724	8.76	PROMOTED	
20030490108 VISHAL CHAKROBORTY	FIN / EXT TER / INT TOTAL GRADE	64 27 91 A+	63 26 89 A	62 25 87 A	61 24 85 A	67 29 96 A+	64 27 91 A+	381 158 539	21 20 41 A	22 23 45 A+	22 22 44 A	11 - 11* F	21 20 41 A	97 85 182	721	721	8.95	PROMOTED	
20030490109 VISHAL CHOUDHARY	FIN / EXT TER / INT TOTAL GRADE	63 25 88 A	65 27 92 A+	63 25 88 A	61 24 85 A	67 29 96 A+	66 28 94 A+	385 158 543	21 21 42 A	23 24 47 A+	22 22 44 A	11 - 11* F	22 22 44 A	99 89 188	731	731	8.95	PROMOTED	
20030490111 VISHAL SINGH	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	65 26 91 A+	65 26 91 A+	63 25 88 A	67 28 95 A+	68 29 97 A+	395 162 557	22 23 45 A+	22 23 45 A+	22 22 44 A	11 - 11* F	21 21 42 A	98 89 187	744	744	9.29	PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 11 of 11


SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME301P	ME302P	ME303P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545		SGPA	CGPA	Remarks
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59%	C+																		
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
<35%	F																		
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				
20030490112	FIN / EXT	57	60	54	60	63	64	358	21	19	20	10	21	91					
VIVEK KUMAR	TER / INT	22	24	19	24	27	28	144	21	18	19	-	22	80	673	673	8.38		PROMOTED
	TOTAL	79	84	73	84	90	92	502	42	37	39	10*	43	171					
	GRADE	B+	A	B+	A	A+	A+		A	B+	B+	F	A						
20030490113	FIN / EXT	65	64	62	66	65	68	390	22	22	22	11	22	99					
VIVEK KUMAR	TER / INT	27	26	24	28	27	29	161	22	22	22	-	22	88	738	738	9.19		PROMOTED
	TOTAL	92	90	86	94	92	97	551	44	44	44	11*	44	187					
	GRADE	A+	A+	A	A+	A+	A+		A	A	A	F	A						
20030490114	FIN / EXT	63	63	63	61	64	67	381	21	22	21	10	22	96					
YOGESH MARANDI	TER / INT	26	26	26	24	27	29	158	21	23	22	-	23	89	724	724	8.86		PROMOTED
	TOTAL	89	89	89	85	91	96	539	42	45	43	10*	45	185					
	GRADE	A	A	A	A	A+	A+		A	A+	A	F	A+						
20030490115	FIN / EXT	50	26	26	56	47	57	262	21	10	10	10	20	71					
SURAJ PRAKASH	TER / INT	20	-	-	25	18	26	89	22	-	-	-	21	43	465	465	4.62		PROMOTED
	TOTAL	70	26*	26*	81	65	83	351	43	10*	10*	10*	41	114					
	GRADE	B+	F	F	A	B	A		A	F	F	F	A						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.


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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI****B.I.T , SINDRI , DHANBAD****B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021****ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.**

PAPER CODE	PASSING HEAD	PAPERS
EE301	ELECTRICAL MACHINE-I	THEORY
EE302	NETWORK THEORY	THEORY
EE303	ELECTROMAGNETIC FIELD THEORY	THEORY
EC301	BASIC ELECTRONICS	THEORY
BSC301	MATHEMATICS-III	THEORY
BSC302	ENVIRONMENTAL SCIENCE	THEORY
EE301P	ELECTRICAL MACHINE-I LAB	PRACTICAL
EE302P	NETWORK THEORY LAB	PRACTICAL
EC301P	BASIC ELECTRONICS LAB	PRACTICAL
EX301	EXTRA ACTIVITIES (NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT)	PRACTICAL
HS301	COMMUNICATION SKILL LAB	PRACTICAL

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030450001 AATM PRAKASH GUPTA	FIN / EXT	70	68	67	66	68	68	407	20	22	23	21	22	108						108					
	TER / INT	30	29	28	27	29	29	172	17	21	22	19	20	99						99	786	786	9.76		PASSED & PROMOTED
	TOTAL	100	97	95	93	97	97	579	37	43	45	40	42	207						207					
	GRADE	A+	A+	A+	A+	A+	A+		B+	A	A+	A	A												
20030450002 AAYUSH SISODIYA	FIN / EXT	70	68	66	66	68	67	405	21	22	22	24	24	113						113					
	TER / INT	30	29	27	27	29	28	170	19	21	21	24	24	109						109	797	797	9.86		PASSED & PROMOTED
	TOTAL	100	97	93	93	97	95	575	40	43	43	48	48	222						222					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A	A+	A+												
20030450003 AAZAD PRASAD	FIN / EXT	69	66	66	65	63	68	397	21	23	23	24	23	114						114					
	TER / INT	30	28	28	27	25	29	167	19	23	22	24	23	111						111	789	789	9.76		PASSED & PROMOTED
	TOTAL	99	94	94	92	88	97	564	40	46	45	48	46	225						225					
	GRADE	A+	A+	A+	A+	A	A+		A	A+	A+	A+	A+												
20030450004 ABHIJEET KUMAR	FIN / EXT	67	67	67	63	66	67	397	23	22	22	23	23	113						113					
	TER / INT	29	29	29	25	28	29	169	22	21	21	22	23	109						109	788	788	9.76		PASSED & PROMOTED
	TOTAL	96	96	96	88	94	96	566	45	43	43	45	46	222						222					
	GRADE	A+	A+	A+	A	A+	A+		A+	A	A	A+	A+												
20030450006 ADARSH AIND	FIN / EXT	65	64	65	63	65	67	389	21	22	22	21	22	108						108					
	TER / INT	27	26	27	25	27	29	161	19	21	21	19	22	102						102	760	760	9.62		PASSED & PROMOTED
	TOTAL	92	90	92	88	92	96	550	40	43	43	40	44	210						210					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A	A												
20030450007 ADITYA KUMAR	FIN / EXT	70	67	69	63	69	69	407	23	21	21	24	23	112						112					
	TER / INT	30	28	29	24	29	29	169	22	19	19	24	22	106						106	794	794	9.76		PASSED & PROMOTED
	TOTAL	100	95	98	87	98	98	576	45	40	40	48	45	218						218					
	GRADE	A+	A+	A+	A	A+	A+		A+	A	A	A+	A+												
20030450008 ADITYA PATHAK	FIN / EXT	69	68	69	63	68	68	405	22	22	21	22	23	110						110					
	TER / INT	30	29	30	25	29	29	172	22	21	20	22	23	108						108	795	795	9.67		PASSED & PROMOTED
	TOTAL	99	97	99	88	97	97	577	44	43	41	44	46	218						218					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A	A+												
20030450009 AJIT MARANDI	FIN / EXT	67	66	67	61	62	66	389	18	20	20	21	21	100						100					
	TER / INT	30	29	30	25	26	29	169	17	21	20	22	22	102						102	760	760	9.38		PASSED & PROMOTED
	TOTAL	97	95	97	86	88	95	558	35	41	40	43	43	202						202					
	GRADE	A+	A+	A+	A	A	A+		B+	A	A	A	A												
20030450010 ALOK RAJ	FIN / EXT	69	68	68	63	64	68	400	20	21	22	23	22	108						108					
	TER / INT	30	29	29	25	26	29	168	17	19	20	22	21	99						99	775	775	9.62		PASSED & PROMOTED
	TOTAL	99	97	97	88	90	97	568	37	40	42	45	43	207						207					
	GRADE	A+	A+	A+	A	A+	A+		B+	A	A	A+	A												
20030450011 AMAN KUMAR	FIN / EXT	68	65	67	65	66	63	394	23	22	23	23	23	114						114					
	TER / INT	29	26	28	26	27	25	161	22	20	22	22	22	108						108	777	777	9.95		PASSED & PROMOTED
	TOTAL	97	91	95	91	93	88	555	45	42	45	45	45	222						222					
	GRADE	A+	A+	A+	A+	A+	A		A+	A	A+	A+	A+												

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

Verifying Assistant

Verifying Officer

Controller of Examination


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B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.


SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+	EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030450012 AMAN KUMAR SWANSI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	66 28 94 A+	67 29 96 A+	64 26 90 A+	67 29 96 A+	66 28 94 A+	397 169 566	21 19 40 A	23 22 45 A+	22 20 42 A	23 22 45 A+	22 21 43 A	111 104 215	781	781	9.86		PASSED & PROMOTED
20030450013 AMIT MURMU	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	68 29 97 A+	66 28 94 A+	63 25 88 A	68 29 97 A+	68 29 97 A+	402 170 572	20 17 37 B+	22 22 44 A	21 20 41 A	22 22 44 A	22 21 43 A	107 102 209	781	781	9.57		PASSED & PROMOTED
20030450014 ANAND RAJ	FIN / EXT TER / INT TOTAL GRADE	68 30 98 A+	66 29 95 A+	65 28 93 A+	64 27 91 A+	65 28 93 A+	66 29 95 A+	394 171 565	20 17 37 B+	22 21 43 A	23 23 46 A+	23 24 47 A+	22 22 44 A	110 107 217	782	782	9.81		PASSED & PROMOTED
20030450015 ANIKET ANKUSH	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	63 25 88 A	68 29 97 A+	65 27 92 A+	68 29 97 A+	68 29 97 A+	401 169 570	21 19 40 A	22 21 43 A	23 23 46 A+	23 22 45 A+	23 23 46 A+	112 108 220	790	790	9.76		PASSED & PROMOTED
20030450016 ANIKET KUMAR GUPTA	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	68 29 97 A+	67 28 95 A+	62 24 86 A	68 29 97 A+	68 29 97 A+	402 169 571	24 24 48 A+	23 23 46 A+	22 20 42 A	24 24 48 A+	24 25 49 A+	117 116 233	804	804	9.81		PASSED & PROMOTED
20030450017 ANIMESH CHAKRABORTY	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	68 29 97 A+	68 29 97 A+	66 27 93 A+	68 29 97 A+	68 29 97 A+	407 173 580	20 17 37 B+	20 18 38 B+	21 20 41 A	23 24 47 A+	22 22 44 A	106 101 207	787	787	9.71		PASSED & PROMOTED
20030450018 ANJALI KUMARI	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	68 29 97 A+	69 30 99 A+	62 24 86 A	68 29 97 A+	68 29 97 A+	404 171 575	22 22 44 A	22 21 43 A	21 20 41 A	23 24 47 A+	23 23 46 A+	111 110 221	796	796	9.71		PASSED & PROMOTED
20030450019 ANKIT CHANCHAL MURMU	FIN / EXT TER / INT TOTAL GRADE	68 30 98 A+	67 29 96 A+	66 28 94 A+	64 26 90 A+	67 29 96 A+	67 29 96 A+	399 171 570	20 17 37 B+	22 21 43 A	22 22 44 A	21 19 40 A	22 22 44 A	107 101 208	778	778	9.71		PASSED & PROMOTED
20030450020 ANKIT KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	70 30 100 A+	67 28 95 A+	67 28 95 A+	63 24 87 A	68 29 97 A+	68 29 97 A+	403 168 571	21 19 40 A	23 22 45 A+	22 20 42 A	23 22 45 A+	23 22 45 A+	112 105 217	788	788	9.76		PASSED & PROMOTED
20030450022 ARBIND KUMAR	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	66 27 93 A+	67 28 95 A+	66 27 93 A+	67 28 95 A+	67 28 95 A+	402 168 570	20 17 37 B+	23 23 46 A+	22 21 43 A	21 19 40 A	22 21 43 A	108 101 209	779	779	9.76		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks																	
Course Credit Point								3	3	3	3	4	0	16	1	1	1	1	1	5	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																					
20030450023 ARJUN PANDOH	FIN / EXT	TER / INT	TOTAL	GRADE	69	30	99	A+	67	29	96	A+	65	27	92	A+	63	25	88	A	67	29	96	A+	67	29	96	A+	398	169	567	40	46	43	44	43	216	783	783	9.67		PASSED & PROMOTED
20030450024 ARYA RANJAN	FIN / EXT	TER / INT	TOTAL	GRADE	69	30	99	A+	68	29	97	A+	67	28	95	A+	66	27	93	A+	67	28	95	A+	68	29	97	A+	405	171	576	23	21	43	24	24	229	805	805	9.95		PASSED & PROMOTED
20030450025 ASHISH ANMOL SURIN	FIN / EXT	TER / INT	TOTAL	GRADE	68	30	98	A+	66	28	94	A+	66	28	94	A+	65	27	92	A+	64	26	90	A+	67	29	96	A+	396	168	564	22	18	38	21	19	209	773	773	9.71		PASSED & PROMOTED
20030450026 ASHISH MISHRA	FIN / EXT	TER / INT	TOTAL	GRADE	63	25	88	A	65	27	92	A+	67	29	96	A+	61	24	85	A	65	27	92	A+	65	27	92	A+	386	159	545	22	23	41	23	24	227	772	772	9.62		PASSED & PROMOTED
20030450027 ASHOK HEMBRAM	FIN / EXT	TER / INT	TOTAL	GRADE	66	29	95	A+	66	29	95	A+	66	29	95	A+	61	25	86	A	64	27	91	A+	64	27	91	A+	387	166	553	18	21	41	20	21	201	754	754	9.57		PASSED & PROMOTED
20030450028 ASHUTOSH KUMAR SINHA	FIN / EXT	TER / INT	TOTAL	GRADE	67	29	96	A+	59	22	81	A	67	29	96	A+	66	28	94	A+	67	29	96	A+	65	27	92	A+	391	164	555	20	21	42	21	22	209	764	764	9.57		PASSED & PROMOTED
20030450029 AYUSH KUMAR	FIN / EXT	TER / INT	TOTAL	GRADE	69	30	99	A+	68	29	97	A+	67	28	95	A+	67	28	95	A+	67	28	95	A+	68	29	97	A+	406	172	578	21	21	43	22	24	218	796	796	9.81		PASSED & PROMOTED
20030450030 AYUSH KUMAR SINGH	FIN / EXT	TER / INT	TOTAL	GRADE	69	30	99	A+	68	29	97	A+	68	29	97	A+	64	26	90	A+	68	29	97	A+	68	29	97	A+	405	172	577	23	21	43	23	24	224	801	801	9.90		PASSED & PROMOTED
20030450031 BHANU KUMAR	FIN / EXT	TER / INT	TOTAL	GRADE	69	30	99	A+	66	27	93	A+	67	28	95	A+	62	24	86	A	68	29	97	A+	67	28	95	A+	399	166	565	22	23	46	23	22	219	784	784	9.71		PASSED & PROMOTED
20030450032 BHARAT HANSDA	FIN / EXT	TER / INT	TOTAL	GRADE	68	30	98	A+	67	29	96	A+	65	27	92	A+	64	26	90	A+	67	29	96	A+	67	29	96	A+	398	170	568	20	18	38	22	22	210	778	778	9.71		PASSED & PROMOTED

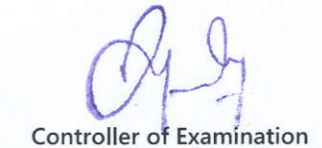
Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545		SGPA	CGPA	Remarks
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59%	C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49%	C	21	21	21	21	21	21		-	-	-	-	-						
<35%	F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
Course Credit Point		64	67	66	63	66	64	390	19	21	20	21	20	101					
Full Marks - Final / Ext.	FIN / EXT	27	29	28	26	28	27	165	18	22	21	22	20	103	759	759	9.57		PASSED & PROMOTED
Full Marks - Ter. / Int.	TER / INT	91	96	94	89	94	91	555	37	43	41	43	40	204					
Subject Total	TOTAL	63	58	60	56	56	58	351	19	19	19	18	20	95					PASSED & PROMOTED
Pass Marks - Fin. Ext.	GRADE	A+	A	A	A	A	A		B+	B+	B+	B+	A						
Pass Marks - Subject		68	66	67	60	67	67	395	23	22	22	23	23	113					
20030450033	FIN / EXT	30	28	29	23	29	29	168	22	21	20	22	22	107	783	783	9.76		PASSED & PROMOTED
BIBHISHAN HEMBRAM	TER / INT	98	94	96	83	96	96	563	45	43	42	45	45	220					
	TOTAL	93	84	88	80	80	84	509	38	38	39	35	41	191	700	700	8.95		PASSED & PROMOTED
	GRADE	A+	A	A	A	A	A		B+	B+	B+	B+	A						
20030450034	FIN / EXT	69	68	67	63	67	68	402	20	20	22	23	22	107					
BUDDHA PRAKASH	TER / INT	30	29	28	25	28	29	169	19	18	22	24	23	106	784	784	9.62		PASSED & PROMOTED
	TOTAL	99	97	95	88	95	97	571	39	38	44	47	45	213	784	784	9.62		PASSED & PROMOTED
	GRADE	A+	A+	A+	A	A+	A+		B+	B+	A	A+	A+						
20030450035	FIN / EXT	64	64	64	61	65	65	383	20	20	21	22	22	105					
DEFENCE KUMAR MARANDI	TER / INT	27	27	27	24	28	28	161	19	19	21	22	22	103	752	752	9.52		PASSED & PROMOTED
	TOTAL	91	91	91	85	93	93	544	39	39	42	44	44	208	752	752	9.52		PASSED & PROMOTED
	GRADE	A+	A+	A+	A	A+	A+		B+	B+	A	A	A						
20030450036	FIN / EXT	70	70	67	66	68	68	409	21	21	23	23	24	112					
DHRUV KUMAR	TER / INT	30	30	28	27	29	29	173	19	19	22	22	24	106	800	800	9.90		PASSED & PROMOTED
	TOTAL	100	100	95	93	97	97	582	40	40	45	45	48	218	800	800	9.90		PASSED & PROMOTED
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A+	A+	A+						
20030450037	FIN / EXT	69	66	65	62	68	66	396	20	21	21	22	22	106					
DINESH KUMBHAKAR	TER / INT	30	28	27	24	29	28	166	19	21	20	22	22	104	772	772	9.57		PASSED & PROMOTED
	TOTAL	99	94	92	86	97	94	562	39	42	41	44	44	210	772	772	9.57		PASSED & PROMOTED
	GRADE	A+	A+	A+	A	A+	A+		B+	A	A	A	A						
20030450038	FIN / EXT	69	66	66	62	68	67	398	23	23	22	22	23	113					
FULKUMARI HANSDA	TER / INT	30	27	27	24	29	28	165	24	23	21	22	24	114	790	790	9.76		PASSED & PROMOTED
	TOTAL	99	93	93	86	97	95	563	47	46	43	44	47	227	790	790	9.76		PASSED & PROMOTED
	GRADE	A+	A+	A+	A	A+	A+		A+	A+	A	A	A+						
20030450039	FIN / EXT	69	69	67	66	68	68	407	21	21	23	24	23	112					
GOURAV SONKAR	TER / INT	30	30	28	27	29	29	173	19	19	22	24	23	107	799	799	9.90		PASSED & PROMOTED
	TOTAL	99	99	95	93	97	97	580	40	40	45	48	46	219	799	799	9.90		PASSED & PROMOTED
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A+	A+	A+						
20030450040	FIN / EXT	67	65	65	60	61	66	384	20	21	21	20	21	103					
GULSHAN KUMAR	TER / INT	30	28	28	24	25	29	164	19	21	20	19	21	100	751	751	9.33		PASSED & PROMOTED
	TOTAL	97	93	93	84	86	95	548	39	42	41	39	42	203	751	751	9.33		PASSED & PROMOTED
	GRADE	A+	A+	A+	A	A	A+		B+	A	A	B+	A						
20030450041	FIN / EXT	67	65	65	60	61	66	384	20	21	21	20	21	103					
GURUDEO MAJHI	TER / INT	30	28	28	24	25	29	164	19	21	20	19	21	100	751	751	9.33		PASSED & PROMOTED
	TOTAL	97	93	93	84	86	95	548	39	42	41	39	42	203	751	751	9.33		PASSED & PROMOTED
	GRADE	A+	A+	A+	A	A	A+		B+	A	A	B+	A						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

(Computer Generated, If any error occurs that will be rectified)

Verifying Assistant

Verifying Officer

Controller of Examination

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545		SGPA	CGPA	Remarks
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59%	C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49%	C	21	21	21	21	21	21		-	-	-	-	-						
<35%	F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
20030450043	FIN / EXT	69	68	69	63	66	68	403	20	22	21	20	22	105					
HARSH KUMAR	TER / INT	30	29	30	25	27	29	170	19	23	21	19	23	105	783	783	9.62		PASSED & PROMOTED
	TOTAL	99	97	99	88	93	97	573	39	45	42	39	45	210					
	GRADE	A+	A+	A+	A	A+	A+		B+	A+	A	B+	A+						
20030450044	FIN / EXT	68	67	67	60	67	67	396	22	20	21	22	23	108					
HIMANSHU HARSH	TER / INT	30	29	29	23	29	29	169	22	19	20	22	24	107	780	780	9.62		PASSED & PROMOTED
	TOTAL	98	96	96	83	96	96	565	44	39	41	44	47	215					
	GRADE	A+	A+	A+	A	A+	A+		A	B+	A	A	A+						
20030450045	FIN / EXT	70	69	66	66	69	69	409	24	22	22	21	23	112					
JAGRIT NAPIT	TER / INT	30	29	27	27	29	29	171	24	21	21	19	23	108	800	800	9.86		PASSED & PROMOTED
	TOTAL	100	98	93	93	98	98	580	48	43	43	40	46	220					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A	A	A	A+						
20030450046	FIN / EXT	68	63	65	65	64	69	394	21	23	22	23	22	111					
JEETU BEDIA	TER / INT	29	25	27	27	26	30	164	19	23	21	22	20	105	774	774	9.71		PASSED & PROMOTED
	TOTAL	97	88	92	92	90	99	558	40	46	43	45	42	216					
	GRADE	A+	A	A+	A+	A+	A+		A	A+	A	A+	A						
20030450047	FIN / EXT	69	66	67	63	66	67	398	21	21	22	21	22	107					
KEWAL TOPNO	TER / INT	30	27	28	25	27	28	165	19	19	22	19	22	101	771	771	9.62		PASSED & PROMOTED
	TOTAL	99	93	95	88	93	95	563	40	40	44	40	44	208					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A	A						
20030450048	FIN / EXT	68	67	67	61	68	68	399	23	22	22	23	23	113					
KUMAR RISHAB	TER / INT	29	28	28	23	29	29	166	22	21	20	22	23	108	786	786	9.76		PASSED & PROMOTED
	TOTAL	97	95	95	84	97	97	565	45	43	42	45	46	221					
	GRADE	A+	A+	A+	A	A+	A+		A+	A	A	A+	A+						
20030450049	FIN / EXT	69	65	68	66	66	68	402	20	22	21	20	22	105					
KUMAR TANISH	TER / INT	30	26	29	27	27	29	168	19	22	20	19	23	103	778	778	9.71		PASSED & PROMOTED
	TOTAL	99	91	97	93	93	97	570	39	44	41	39	45	208					
	GRADE	A+	A+	A+	A+	A+	A+		B+	A	A	B+	A+						
20030450050	FIN / EXT	68	61	66	65	68	64	392	20	20	21	20	22	103					
LEEKHIT ANAND SINKU	TER / INT	29	23	28	27	29	26	162	19	19	20	19	22	99	756	756	9.48		PASSED & PROMOTED
	TOTAL	97	84	94	92	97	90	554	39	39	41	39	44	202					
	GRADE	A+	A	A+	A+	A+	A+		B+	B+	A	B+	A						
20030450052	FIN / EXT	68	64	68	62	67	64	393	21	21	22	21	22	107					
MANSI CHOUDHARY	TER / INT	30	26	30	25	29	26	166	19	19	21	19	21	99	765	765	9.62		PASSED & PROMOTED
	TOTAL	98	90	98	87	96	90	559	40	40	43	40	43	206					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A	A						
20030450053	FIN / EXT	68	67	68	67	68	67	405	23	20	22	22	23	110					
MD ADNAN SAZID	TER / INT	29	28	29	28	29	28	171	24	18	22	22	23	109	795	795	9.81		PASSED & PROMOTED
	TOTAL	97	95	97	95	97	95	576	47	38	44	44	46	219					
	GRADE	A+	A+	A+	A+	A+	A+		A+	B+	A	A	A+						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+	EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030450055 MD KAIF	FIN / EXT	67	62	68	58	67	65	387	21	22	21	22	23	109	764	764	9.52	PASSED & PROMOTED	
	TER / INT	29	25	30	22	29	28	163	19	22	19	22	23	105					
	TOTAL	96	87	98	80	96	93	550	40	44	40	44	46	214					
	GRADE	A+	A	A+	A	A+	A+		A	A	A	A	A+						
20030450056 MUKUND KUMAR PARASHER	FIN / EXT	69	68	68	64	67	68	404	23	20	21	23	23	110	794	794	9.71	PASSED & PROMOTED	
	TER / INT	30	29	29	25	28	29	170	24	18	20	24	24	110					
	TOTAL	99	97	97	89	95	97	574	47	38	41	47	47	220					
	GRADE	A+	A+	A+	A	A+	A+		A+	B+	A	A+	A+						
20030450057 NAVDEEP KUMAR	FIN / EXT	67	67	66	66	67	67	400	23	22	22	21	24	112	791	791	9.86	PASSED & PROMOTED	
	TER / INT	29	29	28	28	29	29	172	22	21	21	19	24	107					
	TOTAL	96	96	94	94	96	96	572	45	43	43	40	48	219					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A	A	A	A+						
20030450058 NIKHIL KUMAR ROY	FIN / EXT	69	68	69	63	68	68	405	21	22	22	22	23	110	795	795	9.67	PASSED & PROMOTED	
	TER / INT	30	29	30	25	29	29	172	19	22	21	22	24	108					
	TOTAL	99	97	99	88	97	97	577	40	44	43	44	47	218					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A	A+						
20030450059 NISHA KUMARI	FIN / EXT	70	65	69	62	69	65	400	21	21	21	22	23	108	774	774	9.67	PASSED & PROMOTED	
	TER / INT	30	26	29	23	29	26	163	19	19	19	22	24	103					
	TOTAL	100	91	98	85	98	91	563	40	40	40	44	47	211					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A	A+						
20030450060 PANKAJ MINZ	FIN / EXT	69	68	66	62	66	66	397	21	20	21	23	23	108	775	775	9.67	PASSED & PROMOTED	
	TER / INT	30	29	28	24	28	28	167	19	17	20	24	23	103					
	TOTAL	99	97	94	86	94	94	564	40	37	41	47	46	211					
	GRADE	A+	A+	A+	A	A+	A+		A	B+	A	A+	A+						
20030450061 PIYUSH KUMAR	FIN / EXT	68	67	67	64	67	68	401	23	21	23	23	24	114	791	791	9.90	PASSED & PROMOTED	
	TER / INT	29	28	28	26	28	29	168	22	18	22	22	24	108					
	TOTAL	97	95	95	90	95	97	569	45	39	45	45	48	222					
	GRADE	A+	A+	A+	A+	A+	A+		A+	B+	A+	A+	A+						
20030450062 PIYUSH KUMAR	FIN / EXT	69	68	65	64	65	65	396	21	22	22	21	23	109	776	776	9.81	PASSED & PROMOTED	
	TER / INT	30	29	27	26	27	27	166	19	22	22	19	23	105					
	TOTAL	99	97	92	90	92	92	562	40	44	44	40	46	214					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A	A	A+						
20030450063 PRADEEP KUMAR SAW	FIN / EXT	68	67	65	64	67	68	399	21	23	22	22	22	110	784	784	9.81	PASSED & PROMOTED	
	TER / INT	29	28	27	26	28	29	167	19	23	22	22	22	108					
	TOTAL	97	95	92	90	95	97	566	40	46	44	44	44	218					
	GRADE	A+	A+	A+	A+	A+	A+		A	A+	A	A	A						
20030450064 PRATIK JAISWAL	FIN / EXT	68	67	66	66	61	67	395	21	21	22	21	23	108	773	773	9.62	PASSED & PROMOTED	
	TER / INT	30	29	28	28	24	29	168	19	20	21	19	23	102					
	TOTAL	98	96	94	94	85	96	563	40	41	43	40	46	210					
	GRADE	A+	A+	A+	A+	A	A+		A	A	A	A	A+						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 7 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030450065 PREETAM SHEKAR SOREN	FIN / EXT	69	66	66	63	68	68	400	22	22	22	23	23	112						112	793	793	9.71		PASSED & PROMOTED
	TER / INT	30	28	28	25	29	29	169	22	21	21	24	24	112						112					
	TOTAL	99	94	94	88	97	97	569	44	43	43	47	47	224						224					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A+	A+												
20030450066 PRIYA KUMARI	FIN / EXT	68	66	68	66	66	68	402	21	22	22	21	22	108						108					PASSED & PROMOTED
	TER / INT	29	28	29	28	28	29	171	19	21	21	19	22	102						102	783	783	9.76		
	TOTAL	97	94	97	94	94	97	573	40	43	43	40	44	210						210					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A	A	A												
20030450067 PRIYA OJHA	FIN / EXT	69	68	68	67	68	67	407	22	23	22	23	22	112						112					PASSED & PROMOTED
	TER / INT	30	29	29	28	29	28	173	22	24	21	24	22	113						113	805	805	9.86		
	TOTAL	99	97	97	95	97	95	580	44	47	43	47	44	225						225					
	GRADE	A+	A+	A+	A+	A+	A+		A	A+	A	A+	A												
20030450068 PRIYA RANJAN TIWARY	FIN / EXT	67	66	67	62	62	65	389	21	22	22	21	23	109						109					PASSED & PROMOTED
	TER / INT	30	29	30	26	26	28	169	19	21	22	19	23	104						104	771	771	9.48		
	TOTAL	97	95	97	88	88	93	558	40	43	44	40	46	213						213					
	GRADE	A+	A+	A+	A	A	A+		A	A	A	A	A+												
20030450069 PRIYANKA SHARMA	FIN / EXT	69	69	69	65	68	68	408	23	22	22	23	23	113						113					PASSED & PROMOTED
	TER / INT	30	30	30	27	29	29	175	24	22	21	24	24	115						115	811	811	9.90		
	TOTAL	99	99	99	92	97	97	583	47	44	43	47	47	228						228					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A	A	A+	A+												
20030450070 RAHUL MUNDA	FIN / EXT	68	65	66	62	66	66	393	20	21	22	22	23	108						108					PASSED & PROMOTED
	TER / INT	30	28	29	25	29	29	170	17	20	22	22	23	104						104	775	775	9.62		
	TOTAL	98	93	95	87	95	95	563	37	41	44	44	46	212						212					
	GRADE	A+	A+	A+	A	A+	A+		B+	A	A	A	A+												
20030450071 RAJIV KUMAR	FIN / EXT	67	64	65	64	67	67	394	23	23	22	21	22	111						111					PASSED & PROMOTED
	TER / INT	29	27	28	27	29	29	169	24	24	21	19	21	109						109	783	783	9.86		
	TOTAL	96	91	93	91	96	96	563	47	47	43	40	43	220						220					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A+	A	A	A												
20030450072 RAKESH KUMAR YADAV	FIN / EXT	69	67	66	63	67	66	398	22	21	22	22	22	109						109					PASSED & PROMOTED
	TER / INT	30	29	28	25	29	28	169	22	21	22	22	23	110						110	786	786	9.67		
	TOTAL	99	96	94	88	96	94	567	44	42	44	44	45	219						219					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A	A+												
20030450074 RINKU KUMARI	FIN / EXT	67	65	64	64	67	67	394	21	22	22	23	22	110						110					PASSED & PROMOTED
	TER / INT	29	28	27	27	29	29	169	19	22	21	24	22	108						108	781	781	9.81		
	TOTAL	96	93	91	91	96	96	563	40	44	43	47	44	218						218					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A	A+	A												
20030450075 RISHIKA SINHA	FIN / EXT	69	68	67	66	68	68	406	24	23	22	24	24	117						117					PASSED & PROMOTED
	TER / INT	30	29	28	27	29	29	172	24	23	20	24	24	115						115	810	810	9.95		
	TOTAL	99	97	95	93	97	97	578	48	46	42	48	48	232						232					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A+	A	A+	A+												

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

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B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.


SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	3	3	3	3	4	0	16	1	1	1	1	1	5	21					
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545			SGPA	CGPA	Remarks
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-							
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	FIN / EXT	69	67	67	63	68	67	401	21	22	22	22	23	110						
	TER / INT	30	28	28	25	29	28	168	19	21	22	22	23	107	786	786	9.67		PASSED & PROMOTED	
	TOTAL	99	95	95	88	97	95	569	40	43	44	44	46	217						
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A	A+							
	FIN / EXT	67	66	68	65	67	67	400	20	20	20	22	22	104						
	TER / INT	29	28	30	27	29	29	172	19	19	19	22	23	102	778	778	9.67		PASSED & PROMOTED	
	TOTAL	96	94	98	92	96	96	572	39	39	39	44	45	206						
	GRADE	A+	A+	A+	A+	A+	A+		B+	B+	B+	A	A+							
	FIN / EXT	69	67	68	65	68	68	405	22	23	22	22	23	112						
	TER / INT	30	28	29	27	29	29	172	22	24	21	22	24	113	802	802	9.86		PASSED & PROMOTED	
	TOTAL	99	95	97	92	97	97	577	44	47	43	44	47	225						
	GRADE	A+	A+	A+	A+	A+	A+		A	A+	A	A	A+							
	FIN / EXT	69	66	67	63	68	67	400	23	22	22	22	23	112						
	TER / INT	30	27	28	25	29	28	167	24	22	21	22	23	112	791	791	9.71		PASSED & PROMOTED	
	TOTAL	99	93	95	88	97	95	567	47	44	43	44	46	224						
	GRADE	A+	A+	A+	A	A+	A+		A+	A	A	A	A+							
	FIN / EXT	66	65	65	66	63	63	388	18	18	20	18	10	84						
	TER / INT	30	29	29	30	27	27	172	17	17	21	17	-	72	716	716	9.19		PROMOTED	
	TOTAL	96	94	94	96	90	90	560	35	35	41	35	10*	156						
	GRADE	A+	A+	A+	A+	A+	A+		B+	B+	A	B+	F							
	FIN / EXT	67	67	67	66	65	67	399	21	23	22	23	23	112						
	TER / INT	29	29	29	28	27	29	171	19	23	22	24	23	111	793	793	9.90		PASSED & PROMOTED	
	TOTAL	96	96	96	94	92	96	570	40	46	44	47	46	223						
	GRADE	A+	A+	A+	A+	A+	A+		A	A+	A	A+	A+							
	FIN / EXT	68	64	65	64	66	66	393	23	23	22	24	23	115						
	TER / INT	30	27	28	27	29	29	170	22	23	21	24	22	112	790	790	9.95		PASSED & PROMOTED	
	TOTAL	98	91	93	91	95	95	563	45	46	43	48	45	227						
	GRADE	A+	A+	A+	A+	A+	A+		A+	A+	A	A+	A+							
	FIN / EXT	68	66	65	64	65	65	393	19	19	21	21	22	102						
	TER / INT	30	29	28	27	28	28	170	19	18	22	22	24	105	770	770	9.71		PASSED & PROMOTED	
	TOTAL	98	95	93	91	93	93	563	38	37	43	43	46	207						
	GRADE	A+	A+	A+	A+	A+	A+		B+	B+	A	A	A+							
	FIN / EXT	63	60	60	56	56	63	358	17	19	18	19	19	92						
	TER / INT	29	27	27	23	23	29	158	17	22	20	22	21	102	710	710	8.67		PASSED & PROMOTED	
	TOTAL	92	87	87	79	79	92	516	34	41	38	41	40	194						
	GRADE	A+	A	A	B+	B+	A+		B	A	B+	A	A							
	FIN / EXT	69	68	67	66	68	68	406	21	23	22	23	23	112						
	TER / INT	30	29	28	27	29	29	172	19	24	21	24	23	111	801	801	9.90		PASSED & PROMOTED	
	TOTAL	99	97	95	93	97	97	578	40	47	43	47	46	223						
	GRADE	A+	A+	A+	A+	A+	A+		A	A+	A	A+	A+							

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.


Preparer


Verifying Assistant


Verifying Officer


Controller of Examination

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A	Course Credit Point	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-						
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	FIN / EXT	67	64	64	60	61	67	383	20	23	21	22	23	109					
	TER / INT	30	28	28	24	25	30	165	17	23	20	22	24	106	763	763	9.48		PASSED & PROMOTED
	TOTAL	97	92	92	84	86	97	548	37	46	41	44	47	215					
	GRADE	A+	A+	A+	A	A	A+		B+	A+	A	A	A+						
	FIN / EXT	69	68	67	64	68	68	404	22	22	21	23	23	111					
	TER / INT	30	29	28	25	29	29	170	22	21	20	24	24	111	796	796	9.71		PASSED & PROMOTED
	TOTAL	99	97	95	89	97	97	574	44	43	41	47	47	222					
	GRADE	A+	A+	A+	A	A+	A+		A	A	A	A+	A+						
	FIN / EXT	70	66	68	63	68	70	405	19	20	21	23	23	106					
	TER / INT	30	27	29	24	29	30	169	17	19	21	24	24	105	785	785	9.62		PASSED & PROMOTED
	TOTAL	100	93	97	87	97	100	574	36	39	42	47	47	211					
	GRADE	A+	A+	A+	A	A+	A+		B+	B+	A	A+	A+						
	FIN / EXT	69	69	68	65	68	68	407	21	21	22	23	23	110					
	TER / INT	30	30	29	27	29	29	174	19	19	21	24	24	107	798	798	9.86		PASSED & PROMOTED
	TOTAL	99	99	97	92	97	97	581	40	40	43	47	47	217					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A	A+	A+						
	FIN / EXT	69	68	67	66	68	68	406	22	21	22	21	23	109					
	TER / INT	30	29	28	27	29	29	172	22	19	21	19	23	104	791	791	9.81		PASSED & PROMOTED
	TOTAL	99	97	95	93	97	97	578	44	40	43	40	46	213					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A	A	A+						
	FIN / EXT	69	68	68	62	66	68	401	23	23	22	24	24	116					
	TER / INT	30	29	29	24	28	29	169	22	23	21	24	25	115	801	801	9.81		PASSED & PROMOTED
	TOTAL	99	97	97	86	94	97	570	45	46	43	48	49	231					
	GRADE	A+	A+	A+	A	A+	A+		A+	A+	A	A+	A+						
	FIN / EXT	69	67	68	62	68	67	401	22	23	22	21	23	111					
	TER / INT	30	28	29	24	29	28	168	22	23	21	19	23	108	788	788	9.71		PASSED & PROMOTED
	TOTAL	99	95	97	86	97	95	569	44	46	43	40	46	219					
	GRADE	A+	A+	A+	A	A+	A+		A	A+	A	A	A+						
	FIN / EXT	68	67	68	61	67	65	396	22	23	22	22	22	111					
	TER / INT	30	29	30	24	29	27	169	22	23	21	22	22	110	786	786	9.67		PASSED & PROMOTED
	TOTAL	98	96	98	85	96	92	565	44	46	43	44	44	221					
	GRADE	A+	A+	A+	A	A+	A+		A	A+	A	A	A						
	FIN / EXT	68	68	68	66	68	68	406	21	21	22	21	22	107					
	TER / INT	29	29	29	27	29	29	172	19	19	22	19	21	100	785	785	9.76		PASSED & PROMOTED
	TOTAL	97	97	97	93	97	97	578	40	40	44	40	43	207					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A	A	A						
	FIN / EXT	67	65	66	63	67	67	395	20	20	21	20	21	102					
	TER / INT	29	27	28	25	29	29	167	19	19	21	19	20	98	762	762	9.48		PASSED & PROMOTED
	TOTAL	96	92	94	88	96	96	562	39	39	42	39	41	200					
	GRADE	A+	A+	A+	A	A+	A+		B+	B+	A	B+	A						

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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Verifying Officer

Controller of Examination

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SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+	EE301	EE302	EE303	EC301	BSC301	BSC302	TOTAL THEORY	EE301P	EE302P	EC301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030450096 SUDIPTO MANDAL	FIN / EXT TER / INT TOTAL GRADE	67 30 97 A+	64 27 91 A+	65 28 93 A+	60 24 84 A	65 28 93 A+	66 29 95 A+	387 166 553	21 19 40 A	22 20 42 A	22 21 43 A	23 22 45 A+	23 22 45 A+	111 104 215	768	768	9.71		PASSED & PROMOTED
20030450097 SUMAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	68 29 97 A+	66 27 93 A+	63 25 88 A	68 29 97 A+	69 30 99 A+	403 170 573	20 19 39 B+	21 20 41 A	22 22 44 A	20 19 39 B+	22 22 44 A	105 102 207	780	780	9.52		PASSED & PROMOTED
20030450098 SUMIT RAJAK	FIN / EXT TER / INT TOTAL GRADE	62 26 88 A	64 27 91 A+	64 27 91 A+	62 26 88 A	65 28 93 A+	66 29 95 A+	383 163 546	21 19 40 A	21 19 40 A	22 22 44 A	21 19 40 A	23 23 46 A+	108 102 210	756	756	9.52		PASSED & PROMOTED
20030450100 VAIDEHI SINGH	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	67 28 95 A+	69 30 99 A+	62 24 86 A	67 28 95 A+	68 29 97 A+	402 169 571	23 22 45 A+	22 21 43 A	22 21 43 A	24 24 48 A+	24 25 49 A+	115 113 228	799	799	9.76		PASSED & PROMOTED
20030450101 VIJAY KUMAR SAW	FIN / EXT TER / INT TOTAL GRADE	60 23 83 A	67 29 96 A+	66 28 94 A+	65 27 92 A+	67 29 96 A+	66 28 94 A+	391 164 555	21 19 40 A	22 22 44 A	21 20 41 A	22 22 44 A	22 22 44 A	108 105 213	768	768	9.62		PASSED & PROMOTED
20030450102 VISHAL KUMAR	FIN / EXT TER / INT TOTAL GRADE	70 30 100 A+	68 29 97 A+	68 29 97 A+	63 24 87 A	68 29 97 A+	68 29 97 A+	405 170 575	23 22 45 A+	22 21 43 A	22 21 43 A	24 24 48 A+	24 24 48 A+	115 112 227	802	802	9.76		PASSED & PROMOTED
20030450103 VISHAL KUMAR GOND	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	68 29 97 A+	68 29 97 A+	65 27 92 A+	66 28 94 A+	68 29 97 A+	404 172 576	20 19 39 B+	21 20 41 A	21 20 41 A	22 22 44 A	22 22 44 A	106 103 209	785	785	9.71		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI		
B.I.T , SINDRI , DHANBAD		
B.TECH 3RD SEMESTER IN METALLURGICAL ENGINEERING EXAMINATION- 2021		
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.		
PAPER CODE	PASSING HEAD	PAPERS
BSC301	MATHEMATICS III	THEORY
MT301	MATERIALS ENGINEERING	THEORY
MT302	MATERIALS THERMODYNAMICS AND KINETICS(PCC)	THEORY
MT303	FUELS, REFRACTORIES AND FURNACES(PCC)	THEORY
MT304	METALLURGICAL ANALYSIS (PCC)	THEORY
MT305/BSC302	BIOLOGY/ENVIRONMENTAL SCIENCE	THEORY
HS301P	COMMUNICATION SKILL LABORATORY	PRACTICAL
MT303P	FUELS, REFRACTORIES AND FURNACES LABORATORY	PRACTICAL
MT306P	METALLURGICAL THERMODYMICS AND ANALYSIS LAB	PRACTICAL
EX301P	EXTRA ACTIVITY-III (NSO/NSS/NCC/YOGA/CA)	PRACTICAL
MT307P	INTERNSHIP	PRACTICAL

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B.TECH 3RD SEMESTER IN METALLURGICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 1 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	MT302	MT303	MT304	MT305 / BSC302	TOTAL THEORY	HS301	MT303P	MT306P	EX301	MT307P	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	2	6	22					
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545					
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-							
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	FIN / EXT	67	65	64	66	63	67	392	21	21	22	22	21	107						
	TER / INT	29	27	26	28	25	29	164	21	21	23	22	21	108	771	771	9.64		PASSED & PROMOTED	
	TOTAL	96	92	90	94	88	96	556	42	42	45	44	42	215						
	GRADE	A+	A+	A+	A+	A	A+		A	A	A+	A	A							
	FIN / EXT	65	64	66	64	60	61	380	20	21	21	22	21	105						
	TER / INT	28	27	29	27	24	25	160	20	21	22	23	21	107	752	752	9.64		PASSED & PROMOTED	
	TOTAL	93	91	95	91	84	86	540	40	42	43	45	42	212						
	GRADE	A+	A+	A+	A+	A	A		A	A	A	A+	A							
	FIN / EXT	67	65	64	65	60	67	388	20	21	22	21	21	105						
	TER / INT	29	27	26	27	23	29	161	19	22	23	22	21	107	761	761	9.59		PASSED & PROMOTED	
	TOTAL	96	92	90	92	83	96	549	39	43	45	43	42	212						
	GRADE	A+	A+	A+	A+	A	A+		B+	A	A+	A	A							
	FIN / EXT	66	65	64	66	61	67	389	22	22	22	21	21	108						
	TER / INT	28	27	26	28	24	29	162	23	23	23	22	22	113	772	772	9.73		PASSED & PROMOTED	
	TOTAL	94	92	90	94	85	96	551	45	45	45	43	43	221						
	GRADE	A+	A+	A+	A+	A	A+		A+	A+	A+	A	A							
	FIN / EXT	68	65	64	65	63	66	391	22	22	22	23	22	111						
	TER / INT	29	27	26	27	25	28	162	21	21	22	23	22	109	773	773	9.64		PASSED & PROMOTED	
	TOTAL	97	92	90	92	88	94	553	43	43	44	46	44	220						
	GRADE	A+	A+	A+	A+	A	A+		A	A	A	A+	A							
	FIN / EXT	66	63	62	64	59	64	378	22	20	22	22	21	107						
	TER / INT	29	27	26	28	23	28	161	23	19	23	23	21	109	755	755	9.55		PASSED & PROMOTED	
	TOTAL	95	90	88	92	82	92	539	45	39	45	45	42	216						
	GRADE	A+	A+	A	A+	A	A+		A+	B+	A+	A+	A							
	FIN / EXT	63	63	64	64	58	64	376	20	21	21	21	20	103						
	TER / INT	27	27	28	28	23	28	161	21	22	22	23	21	109	749	749	9.59		PASSED & PROMOTED	
	TOTAL	90	90	92	92	81	92	537	41	43	43	44	41	212						
	GRADE	A+	A+	A+	A+	A	A+		A	A	A	A	A							
	FIN / EXT	67	64	67	64	62	66	390	21	21	22	22	21	107						
	TER / INT	29	27	29	27	25	28	165	22	21	23	23	21	110	772	772	9.68		PASSED & PROMOTED	
	TOTAL	96	91	96	91	87	94	555	43	42	45	45	42	217						
	GRADE	A+	A+	A+	A+	A	A+		A	A	A+	A+	A							
	FIN / EXT	50	57	56	58	51	55	327	20	20	21	21	20	102						
	TER / INT	21	27	26	28	22	25	149	21	20	22	22	21	106	684	684	8.68		PASSED & PROMOTED	
	TOTAL	71	84	82	86	73	80	476	41	40	43	43	41	208						
	GRADE	B+	A	A	A	B+	A		A	A	A	A	A							
	FIN / EXT	67	64	63	67	61	68	390	22	21	22	22	21	108						
	TER / INT	28	26	25	28	23	29	159	22	19	22	22	20	105	762	762	9.45		PASSED & PROMOTED	
	TOTAL	95	90	88	95	84	97	549	44	40	44	44	41	213						
	GRADE	A+	A+	A	A+	A	A+		A	A	A	A	A							

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

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ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 2 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	MT302	MT303	MT304	MT305 / BSC302	TOTAL THEORY	HS301	MT303P	MT306P	EX301	MT307P	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	2	6	22					
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545					
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-				
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	FIN / EXT	62	64	62	64	60	65	377	23	22	23	22	22	112						
	TER / INT	25	27	25	27	23	28	155	24	23	24	22	22	115	759	759	9.41			PASSED & PROMOTED
	TOTAL	87	91	87	91	83	93	532	47	45	47	44	44	227						
	GRADE	A	A+	A	A+	A	A+	A+	A+	A+	A+	A	A							
	FIN / EXT	68	64	68	65	62	68	395	22	23	23	22	22	112						
	TER / INT	29	26	29	27	24	29	164	23	24	24	23	22	116	787	787	9.77			PASSED & PROMOTED
	TOTAL	97	90	97	92	86	97	559	45	47	47	45	44	228						
	GRADE	A+	A+	A+	A+	A	A+	A+	A+	A+	A+	A+	A							
	FIN / EXT	67	65	60	66	62	66	386	21	20	21	21	20	103						
	TER / INT	29	27	23	28	25	28	160	23	21	23	23	21	111	760	760	9.45			PASSED & PROMOTED
	TOTAL	96	92	83	94	87	94	546	44	41	44	44	41	214						
	GRADE	A+	A+	A	A+	A	A+	A+	A	A	A	A	A							
	FIN / EXT	63	64	62	65	59	65	378	20	20	20	21	20	101						
	TER / INT	26	27	25	28	23	28	157	22	21	22	23	21	109	745	745	9.27			PASSED & PROMOTED
	TOTAL	89	91	87	93	82	93	535	42	41	42	44	41	210						
	GRADE	A	A+	A	A+	A	A+	A+	A	A	A	A	A							
	FIN / EXT	66	64	60	63	60	66	379	19	19	19	20	19	96						
	TER / INT	29	27	24	26	24	29	159	20	19	19	22	20	100	734	734	9.09			PASSED & PROMOTED
	TOTAL	95	91	84	89	84	95	538	39	38	38	42	39	196						
	GRADE	A+	A+	A	A	A	A+	A+	B+	B+	B+	A	B+							
	FIN / EXT	67	64	63	63	62	67	386	20	21	22	21	21	105						
	TER / INT	29	27	26	26	25	29	162	20	22	24	22	21	109	762	762	9.36			PASSED & PROMOTED
	TOTAL	96	91	89	89	87	96	548	40	43	46	43	42	214						
	GRADE	A+	A+	A	A	A	A+	A+	A	A	A+	A	A							
	FIN / EXT	66	65	62	66	61	64	384	22	21	23	22	21	109						
	TER / INT	28	27	25	28	24	26	158	23	21	24	23	20	111	762	762	9.59			PASSED & PROMOTED
	TOTAL	94	92	87	94	85	90	542	45	42	47	45	41	220						
	GRADE	A+	A+	A	A+	A	A+	A+	A+	A	A+	A+	A							
	FIN / EXT	67	64	62	63	62	67	385	20	19	21	21	20	101						
	TER / INT	29	27	25	26	25	29	161	20	19	22	22	21	104	751	751	9.27			PASSED & PROMOTED
	TOTAL	96	91	87	89	87	96	546	40	38	43	43	41	205						
	GRADE	A+	A+	A	A	A	A+	A+	A	B+	A	A	A							
	FIN / EXT	63	64	62	63	59	66	377	23	22	22	22	21	110						
	TER / INT	26	27	25	26	22	28	154	23	22	22	22	20	109	750	750	9.18			PASSED & PROMOTED
	TOTAL	89	91	87	89	81	94	531	46	44	44	44	41	219						
	GRADE	A	A+	A	A	A	A+	A+	A+	A	A	A	A							
	FIN / EXT	66	64	63	65	59	65	382	21	21	22	22	21	107						
	TER / INT	29	27	26	28	23	28	161	22	21	23	23	22	111	761	761	9.55			PASSED & PROMOTED
	TOTAL	95	91	89	93	82	93	543	43	42	45	45	43	218						
	GRADE	A+	A+	A	A+	A	A+	A+	A	A	A+	A+	A							

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 * Represents candidate couldn't secure minimum requisite marks to pass.

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Pages : 3 of 6

SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	BSC301	MT301	MT302	MT303	MT304	MT305 / BSC302	TOTAL THEORY	HS301	MT303P	MT306P	EX301	MT307P	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								4	3	3	3	3	0	16	1	1	1	1	2	6	22				
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				
20030500023 ISHU KUMAR THAKUR	FIN / EXT	65	66	63	67	62	68	391	22	23	23	23	23	113	22	24	23	23	21	113	776	776	9.59		PASSED & PROMOTED
	TER / INT	26	27	25	28	24	29	159	22	24	23	23	23	113	22	24	23	23	21	113					
	TOTAL	91	93	88	95	86	97	550	44	47	46	46	43	226	44	47	46	46	43	226					
	GRADE	A+	A+	A	A+	A	A+		A	A+	A+	A+	A+		A	A+	A+	A+	A						
20030500024 JITENDRA KUMAR SAW	FIN / EXT	67	65	66	65	62	67	392	21	22	22	23	22	110	19	21	22	23	21	106	773	773	9.64		PASSED & PROMOTED
	TER / INT	29	27	28	27	25	29	165	19	21	22	23	21	106	19	21	22	23	21	106					
	TOTAL	96	92	94	92	87	96	557	40	43	44	46	43	216	40	43	44	46	43	216					
	GRADE	A+	A+	A+	A+	A	A+		A	A	A	A+	A		A	A	A	A+	A						
20030500025 KRISHNA KUMAR YADAV	FIN / EXT	67	66	63	64	61	68	389	24	24	23	23	22	116	24	24	23	23	21	115	778	778	9.64		PASSED & PROMOTED
	TER / INT	28	27	25	26	23	29	158	24	24	23	23	21	115	24	24	23	23	21	115					
	TOTAL	95	93	88	90	84	97	547	48	48	46	46	43	231	48	48	46	46	43	231					
	GRADE	A+	A+	A	A+	A	A+		A+	A+	A+	A+	A		A+	A+	A+	A+	A						
20030500026 KUNDAN KUMAR	FIN / EXT	67	65	66	65	61	67	391	22	22	22	22	21	109	23	22	23	22	21	111	775	775	9.68		PASSED & PROMOTED
	TER / INT	29	27	28	27	24	29	164	23	22	23	22	21	111	23	22	23	22	21	111					
	TOTAL	96	92	94	92	85	96	555	45	44	45	44	42	220	45	44	45	44	42	220					
	GRADE	A+	A+	A+	A+	A	A+		A+	A	A+	A	A		A+	A	A+	A	A						
20030500027 LAXMAN TUDU	FIN / EXT	66	63	61	65	60	65	380	22	21	20	21	21	105	23	21	20	22	21	107	753	753	9.50		PASSED & PROMOTED
	TER / INT	29	27	25	28	24	28	161	23	21	20	22	21	107	23	21	20	22	21	107					
	TOTAL	95	90	86	93	84	93	541	45	42	40	43	42	212	45	42	40	43	42	212					
	GRADE	A+	A+	A	A+	A	A+		A+	A	A	A	A		A+	A	A	A	A						
20030500028 MANISH KUMAR	FIN / EXT	66	64	61	65	59	65	380	20	20	22	22	21	105	20	19	23	23	21	106	751	751	9.50		PASSED & PROMOTED
	TER / INT	29	27	25	28	23	28	160	20	19	23	23	21	106	20	19	23	23	21	106					
	TOTAL	95	91	86	93	82	93	540	40	39	45	45	42	211	40	39	45	45	42	211					
	GRADE	A+	A+	A	A+	A	A+		A	B+	A+	A+	A		A	B+	A+	A+	A						
20030500029 MANISHA KUMARI MUNDA	FIN / EXT	63	65	61	63	62	67	381	22	21	21	22	21	107	23	21	20	22	21	107	752	752	9.18		PASSED & PROMOTED
	TER / INT	26	27	24	26	25	29	157	23	21	20	22	21	107	23	21	20	22	21	107					
	TOTAL	89	92	85	89	87	96	538	45	42	41	44	42	214	45	42	41	44	42	214					
	GRADE	A	A+	A	A	A	A+		A+	A	A	A	A		A+	A	A	A	A						
20030500030 MANTHAN KUMAR MANDAL	FIN / EXT	68	65	63	66	61	68	391	21	21	22	22	21	107	20	21	23	23	20	107	766	766	9.55		PASSED & PROMOTED
	TER / INT	29	27	25	28	23	29	161	20	21	23	23	20	107	20	21	23	23	20	107					
	TOTAL	97	92	88	94	84	97	552	41	42	45	45	41	214	41	42	45	45	41	214					
	GRADE	A+	A+	A	A+	A	A+		A	A	A+	A+	A		A	A	A+	A+	A						
20030500031 MD SOHAIB ANSARI	FIN / EXT	67	65	62	64	61	67	386	21	21	22	22	21	107	20	20	22	23	20	105	758	758	9.50		PASSED & PROMOTED
	TER / INT	29	27	25	26	24	29	160	20	20	22	23	20	105	20	20	22	23	20	105					
	TOTAL	96	92	87	90	85	96	546	41	41	44	45	41	212	41	41	44	45	41	212					
	GRADE	A+	A+	A	A+	A	A+		A	A	A	A+	A		A	A	A	A+	A						
20030500032 MOHIT KUMAR SAW	FIN / EXT	67	65	63	66	63	67	391	22	23	22	22	21	111	21	23	22	22	21	108	773	773	9.50		PASSED & PROMOTED
	TER / INT	29	27	25	28	25	29	163	21	23	22	22	21	108	21	23	22	22	21	108					
	TOTAL	96	92	88	94	88	96	554	43	46	44	43	43	219	43	46	44	43	43	219					
	GRADE	A+	A+	A	A+	A	A+		A	A+	A	A	A		A	A+	A	A	A						

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SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	BSC301	MT301	MT302	MT303	MT304	MT305 / BSC302	TOTAL THEORY	HS301	MT303P	MT306P	EX301	MT307P	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point		4	3	3	3	3	0	16	1	1	1	1	2	6	22				
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				
20030500033 MUKUND CHOUDHARY	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	63 26 89 A	62 25 87 A	66 28 94 A+	60 23 83 A	66 28 94 A+	384 159 543	21 21 42 A	21 21 42 A	22 22 44 A	22 23 45 A+	21 21 42 A	107 108 215	758	758	9.36		PASSED & PROMOTED
20030500034 NAYAN GARI	FIN / EXT TER / INT TOTAL GRADE	54 21 75 B+	61 27 88 A	57 23 80 A	60 26 86 A	58 24 82 A	59 25 84 A	349 146 495	20 19 39 B+	20 19 39 B+	21 21 42 A	21 22 43 A	21 21 42 A	103 102 205	700	700	8.73		PASSED & PROMOTED
20030500035 NILESH KUMAR	FIN / EXT TER / INT TOTAL GRADE	66 29 95 A+	64 27 91 A+	61 25 86 A	65 28 93 A+	58 22 80 A	64 27 91 A+	378 158 536	21 22 43 A	21 21 42 A	20 20 40 A	21 22 43 A	21 21 42 A	104 106 210	746	746	9.45		PASSED & PROMOTED
20030500036 NITESH SOREN	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	63 27 90 A+	61 25 86 A	62 26 88 A	59 23 82 A	65 28 93 A+	375 157 532	19 19 38 B+	20 21 41 A	19 19 38 B+	20 22 42 A	20 21 41 A	98 102 200	732	732	9.23		PASSED & PROMOTED
20030500037 NUMAN AKHTAR	FIN / EXT TER / INT TOTAL GRADE	65 29 94 A+	62 26 88 A	57 22 79 B+	62 26 88 A	58 23 81 A	65 29 94 A+	369 155 524	19 20 39 B+	19 19 38 B+	21 23 44 A	21 23 44 A	20 21 41 A	100 106 206	730	730	8.95		PASSED & PROMOTED
20030500038 PAWAN HANSDA	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	64 27 91 A+	61 25 86 A	62 26 88 A	60 24 84 A	64 27 91 A+	376 157 533	20 20 40 A	20 21 41 A	20 20 40 A	20 21 41 A	20 21 41 A	100 103 203	736	736	9.32		PASSED & PROMOTED
20030500039 PRANAY LOUIS KERKETTA	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 27 91 A+	63 26 89 A	63 26 89 A	61 24 85 A	65 28 93 A+	383 160 543	21 22 43 A	21 21 42 A	20 19 39 B+	21 21 42 A	20 20 40 A	103 103 206	749	749	9.27		PASSED & PROMOTED
20030500040 RAM CHANDRA MAJHI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 27 91 A+	61 24 85 A	63 26 89 A	60 23 83 A	65 28 93 A+	380 157 537	20 20 40 A	20 21 41 A	20 20 40 A	20 21 41 A	20 21 41 A	100 103 203	740	740	9.32		PASSED & PROMOTED
20030500041 ROHIT GORAIN	FIN / EXT TER / INT TOTAL GRADE	65 29 94 A+	63 27 90 A+	65 29 94 A+	64 28 92 A+	60 25 85 A	65 29 94 A+	382 167 549	21 21 42 A	21 21 42 A	22 23 45 A+	21 21 42 A	21 21 42 A	106 107 213	762	762	9.64		PASSED & PROMOTED
20030500042 SAGAR BIRUA	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 27 91 A+	66 28 94 A+	63 26 89 A	60 23 83 A	66 28 94 A+	386 161 547	21 21 42 A	21 22 43 A	22 23 45 A+	21 21 42 A	21 21 42 A	106 108 214	761	761	9.50		PASSED & PROMOTED

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SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	BSC301	MT301	MT302	MT303	MT304	MT305 / BSC302	TOTAL THEORY	HS301	MT303P	MT306P	EX301	MT307P	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								4	3	3	3	3	0	16	1	1	1	1	2	6	22				
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				
20030500043 SAIEMA AFREEN	FIN / EXT	67	65	65	65	63	67	67	65	65	65	63	67	392	21	21	21	21	20	104					
	TER / INT	29	27	27	27	25	29	29	27	27	27	25	29	164	23	22	23	23	21	112					
	TOTAL	96	92	92	92	88	96	96	92	92	92	88	96	556	44	43	44	44	41	216	772	772	9.59		PASSED & PROMOTED
	GRADE	A+	A+	A+	A+	A	A+	A+	A+	A+	A+	A	A+	A+	A	A	A	A	A	A	A	A	A	A	
20030500044 SAMMI KUMARI	FIN / EXT	66	64	62	64	62	64	64	64	62	64	62	64	382	20	20	22	21	20	103					
	TER / INT	29	27	25	27	25	27	27	25	27	25	27	27	160	21	21	24	23	20	109					
	TOTAL	95	91	87	91	87	91	91	91	87	91	87	91	542	41	41	46	44	40	212	754	754	9.50		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A	A+	A+	A+	A	A+	A	A+	A+	A	A	A+	A	A	A	A	A	A	A	
20030500045 SANJAY KUMAR SARDAR	FIN / EXT	56	61	59	62	56	63	63	59	62	56	56	63	357	20	19	20	21	20	100					
	TER / INT	23	27	25	28	23	29	29	27	28	23	23	29	155	21	19	22	23	21	106					
	TOTAL	79	88	84	90	79	92	92	88	84	79	79	92	512	41	38	42	44	41	206	718	718	8.77		PASSED & PROMOTED
	GRADE	B+	A	A	A+	B+	A+	A+	A	A	B+	A+	A+	A	B+	A	A	A	A	A	A	A	A	A	
20030500046 SANTOSH KUMAR NAYAK	FIN / EXT	66	65	62	66	61	66	66	65	62	66	61	66	386	22	21	21	22	21	107					
	TER / INT	28	27	25	28	24	28	28	27	25	28	24	28	160	22	21	21	23	20	107					
	TOTAL	94	92	87	94	85	94	94	92	87	94	85	94	546	44	42	42	45	41	214	760	760	9.50		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A	A+	A+	A	A	A+	A	A+	A+	A	A	A	A+	A	A	A	A	A	A	
20030500047 SATYAM KUMAR SAW	FIN / EXT	62	63	65	64	58	64	64	63	64	58	58	64	376	19	20	20	21	19	99					
	TER / INT	26	27	29	28	23	28	28	26	28	23	23	28	161	19	21	22	23	20	105					
	TOTAL	88	90	94	92	81	92	92	90	92	81	92	92	537	38	41	42	44	39	204	741	741	9.27		PASSED & PROMOTED
	GRADE	A	A+	A+	A+	A	A+	A+	A	A	A	A	A+	A+	B+	A	A	A	B+	A	A	A	A	A	
20030500048 SHANTANU NAYAK	FIN / EXT	63	63	61	63	59	63	63	63	61	63	59	63	372	20	21	21	21	20	103					
	TER / INT	27	27	25	27	23	27	27	27	25	27	23	27	156	21	22	22	22	21	108					
	TOTAL	90	90	86	90	82	90	90	90	86	90	82	90	528	41	43	43	43	41	211	739	739	9.45		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A	A+	A+	A	A	A	A	A+	A+	A	A	A	A	A	A	A	A	A	A	
20030500049 SHASHANK LAGURI	FIN / EXT	52	58	57	59	53	55	55	58	57	53	53	55	334	18	17	18	18	17	88					
	TER / INT	21	26	25	27	22	24	24	26	25	22	22	24	145	22	20	22	22	20	106					
	TOTAL	73	84	82	86	75	79	79	84	79	75	75	79	479	40	37	40	40	37	194	673	673	8.55		PASSED & PROMOTED
	GRADE	B+	A	A	A	B+	B+	B+	A	A	B+	B+	B+	A	B+	A	A	A	B+	A	A	A	A	A	
20030500050 SHRUTI DHAR	FIN / EXT	67	65	67	65	61	66	66	67	65	61	61	66	391	22	22	22	22	21	109					
	TER / INT	29	27	29	27	24	28	28	29	27	24	24	28	164	22	23	23	23	21	112					
	TOTAL	96	92	96	92	85	94	94	96	92	85	94	94	555	44	45	45	45	42	221	776	776	9.73		PASSED & PROMOTED
	GRADE	A+	A+	A+	A+	A	A+	A+	A+	A	A	A	A+	A+	A	A+	A+	A+	A	A	A	A	A	A	
20030500051 SHUBHAM KUMAR SAW	FIN / EXT	67	65	66	66	63	67	67	67	66	63	63	67	394	21	21	22	22	21	107					
	TER / INT	29	27	28	28	25	29	29	29	27	25	25	29	166	20	21	23	23	21	108					
	TOTAL	96	92	94	94	88	96	96	96	92	88	96	96	560	41	42	45	45	42	215	775	775	9.68		PASSED & PROMOTED
	GRADE	A+	A+	A+	A+	A	A+	A+	A+	A	A	A	A+	A+	A	A	A+	A+	A	A	A	A	A	A	
20030500052 SHWETA KUMARI	FIN / EXT	64	63	63	64	60	62	62	64	63	60	60	62	376	21	21	21	21	21	105					
	TER / INT	28	27	27	28	24	26	26	28	27	24	24	26	160	22	21	22	22	21	108					
	TOTAL	92	90	90	92	84	88	88	92	90	84	88	88	536	43	42	43	43	42	213	749	749	9.59		PASSED & PROMOTED
	GRADE	A+	A+	A+	A+	A	A	A	A+	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN METALLURGICAL ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 6 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MT301	MT302	MT303	MT304	MT305 / BSC302	TOTAL THEORY	HS301	MT303P	MT306P	EX301	MT307P	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks	
90% \geq A+																				
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	2	6	22					
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545					
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-							
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	20030500053 SNEHA SINGH	FIN / EXT 28 94 A+	67 29 96 A+	67 29 96 A+	66 28 94 A+	62 25 87 A	67 29 96 A+	395 168 563	22 23 45 A+	21 21 42 A	22 23 45 A+	22 23 45 A+	22 22 44 A	109 112 221	784	784	9.73		PASSED & PROMOTED	
	20030500054 SONAL SINGH	FIN / EXT 29 96 A+	64 27 91 A+	62 25 87 A	66 28 94 A+	61 24 85 A	67 29 96 A+	387 162 549	22 22 44 A	23 24 47 A+	23 23 46 A+	23 23 46 A+	22 22 44 A	113 114 227	776	776	9.59		PASSED & PROMOTED	
	20030500055 SONU KUMAR	FIN / EXT 29 95 A+	64 27 91 A+	66 29 95 A+	65 28 93 A+	60 24 84 A	66 29 95 A+	387 166 553	21 22 43 A	20 21 41 A	21 22 43 A	21 22 43 A	20 21 41 A	103 108 211	764	764	9.59		PASSED & PROMOTED	
	20030500056 SUBHODEEP SADHU	FIN / EXT 29 97 A+	66 27 93 A+	68 29 97 A+	66 27 93 A+	63 25 88 A	68 29 97 A+	399 166 565	22 21 43 A	24 24 48 A+	24 24 48 A+	23 22 45 A+	23 22 45 A+	116 113 229	794	794	9.82		PASSED & PROMOTED	
	20030500057 SWARAJ KUMAR VERMA	FIN / EXT 24 84 A	63 27 90 A+	66 29 95 A+	64 28 92 A+	59 23 82 A	64 28 92 A+	376 159 535	21 20 41 A	20 19 39 B+	22 22 44 A	22 22 44 A	21 20 41 A	106 103 209	744	744	9.36		PASSED & PROMOTED	
	20030500058 TABISH HASSAN	FIN / EXT 26 89 A	64 27 91 A+	65 28 93 A+	63 26 89 A	61 24 85 A	65 28 93 A+	381 159 540	22 23 45 A+	22 23 45 A+	22 23 45 A+	22 23 45 A+	21 21 42 A	109 113 222	762	762	9.45		PASSED & PROMOTED	
	20030500059 UDIT NANDA	FIN / EXT 29 96 A+	64 27 91 A+	63 26 89 A	63 26 89 A	62 25 87 A	67 29 96 A+	386 162 548	21 22 43 A	22 24 46 A+	22 24 46 A+	21 22 43 A	20 21 41 A	106 113 219	767	767	9.41		PASSED & PROMOTED	
	20030500061 VISHAL PAL	FIN / EXT 29 97 A+	66 27 93 A+	64 26 90 A+	66 27 93 A+	63 25 88 A	66 27 93 A+	393 161 554	22 22 44 A	21 21 42 A	22 23 45 A+	22 22 44 A	21 21 42 A	108 109 217	771	771	9.64		PASSED & PROMOTED	
	20030500062 NITESH ORAON	FIN / EXT 25 82 A	59 27 86 A	55 24 79 B+	58 26 84 A	53 22 75 B+	57 25 82 A	339 149 488	20 22 42 A	20 21 41 A	19 19 38 B+	20 22 42 A	20 21 41 A	99 105 204	692	692	8.68		PASSED & PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

(Computer Generated,If any error occurs that will be rectified)

Verifying Assistant

Verifying Officer

Controller of Examination

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI****B.I.T , SINDRI , DHANBAD****B.TECH 3RD SEMESTER IN MINING ENGINEERING EXAMINATION- 2021****ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.**

PAPER CODE	PASSING HEAD	PAPERS
BSC301	MATHEMATICS III	THEORY
MN302	MINING GEOLOGY	THEORY
MT301	MATERIALS ENGINEERING	THEORY
CE302	SURVEYING AND GEOMETRICS-I	THEORY
MN304	INTRODUCTION TO MINING TECHNOLOGY	THEORY
BSC302	ENVIRONMENTAL SCIENCE	THEORY
MN302P	MINING GEOLOGY LAB	PRACTICAL
CE302P	FIELD SURVEYING LAB	PRACTICAL
HS301P	COMMUNICATION SKILL LAB	PRACTICAL
MN304P	INTRODUCTION TO MINING TECHNOLOGY-LAB	PRACTICAL
EX301P	EXTRA CURRICULAR ACTIVITY-III (NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT ETC.)	PRACTICAL

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
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B.I.T, SINDRI, DHANBAD

B.TECH 3RD SEMESTER IN MINING ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 1 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MN302	MT301	CE302	MN304	BSC302	TOTAL THEORY	MN302P	CE302P	HS301	MN304P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL					
90% \geq A+																					
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	1	5	21						
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545						
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305						
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850					
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-								
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335						
	20030510001 ABHIJEET KUMAR DAS	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	66 28 94 A+	68 30 98 A+	65 27 92 A+	68 30 98 A+	67 29 96 A+	400 21 42 A	22 22 44 A	20 19 39 B+	23 24 47 A+	21 21 42 A	107 107 214	786	786	9.76			PASSED & PROMOTED	
	20030510002 ABHISHEK GOPE	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	62 25 87 A	67 29 96 A+	66 28 94 A+	67 29 96 A+	395 20 563 A	21 20 40 A	22 22 43 A	19 18 37 B+	22 23 45 A+	22 23 45 A+	104 106 210	773	773	9.67			PASSED & PROMOTED	
	20030510003 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	63 26 89 A	66 28 94 A+	68 30 98 A+	66 28 94 A+	67 29 96 A+	396 20 565 A	20 20 40 A	20 19 39 B+	20 19 39 B+	22 23 45 A+	21 22 43 A	103 103 206	771	771	9.52			PASSED & PROMOTED	
	20030510004 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	62 26 88 A	67 30 97 A+	63 27 90 A+	60 24 84 A	64 28 92 A+	376 19 535 B+	19 19 38 B+	18 17 35 B+	21 22 43 A	20 21 41 A	97 98 195	730	730	9.14			PASSED & PROMOTED	
	20030510005 ABHISHEK KUMAR SHUKLA	FIN / EXT TER / INT TOTAL GRADE	61 25 86 A	64 28 92 A+	67 30 97 A+	63 27 90 A+	67 30 97 A+	385 21 552 A	23 20 41 A	23 24 47 A+	22 22 44 A	23 23 46 A+	23 23 46 A+	112 112 224	776	776	9.71			PASSED & PROMOTED	
	20030510006 ABHISHEK PURTY	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 26 90 A+	67 29 96 A+	67 29 96 A+	66 28 94 A+	66 28 94 A+	397 21 566 A	20 20 40 A	20 20 40 A	22 23 45 A+	21 22 43 A	104 106 210	776	776	9.81			PASSED & PROMOTED	
	20030510007 AJIT KUMAR MURMU	FIN / EXT TER / INT TOTAL GRADE	65 28 93 A+	62 26 88 A	67 30 97 A+	65 28 93 A+	61 25 86 A	65 28 93 A+	385 19 550 B+	19 19 38 B+	19 18 37 B+	21 22 43 A	20 21 41 A	98 99 197	747	747	9.33			PASSED & PROMOTED	
	20030510008 AKASH TOPPO	FIN / EXT TER / INT TOTAL GRADE	66 29 95 A+	60 24 84 A	66 29 95 A+	66 29 95 A+	63 26 89 A	66 29 95 A+	387 21 553 A	23 19 40 A	23 23 46 A+	22 24 47 A+	22 22 44 A	111 110 221	774	774	9.57			PASSED & PROMOTED	
	20030510009 AMAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	67 28 95 A+	63 25 88 A	69 30 99 A+	66 27 93 A+	68 29 97 A+	68 29 97 A+	401 21 569 A	21 20 41 A	21 19 40 A	22 22 44 A	23 24 47 A+	23 23 46 A+	110 108 218	787	787	9.71			PASSED & PROMOTED
	20030510010 ANKIT KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	66 27 93 A+	66 27 93 A+	69 30 99 A+	68 29 97 A+	69 30 99 A+	68 29 97 A+	406 21 578 A	20 21 42 A	20 19 39 B+	22 23 45 A+	22 23 45 A+	107 109 216	794	794	9.86			PASSED & PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T, SINDRI, DHANBAD

B.TECH 3RD SEMESTER IN MINING ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 2 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$	90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	BSC301	MN302	MT301	CE302	MN304	BSC302	TOTAL THEORY	MN302P	CE302P	HS301	MN304P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		4	3	3	3	3	0	16	1	1	1	1	1	5	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				
20030510011 ANMOL KUMAR GIRI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	63 26 89 A	68 30 98 A+	66 28 94 A+	68 30 98 A+	67 29 96 A+	399 172 571	22 21 43 A	23 23 46 A+	23 24 47 A+	23 24 47 A+	22 22 44 A	113 114 227	798	798	9.76		PASSED & PROMOTED
20030510012 ASHISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 24 85 A	62 25 87 A	68 30 98 A+	64 27 91 A+	65 28 93 A+	66 29 95 A+	386 163 549	21 21 42 A	20 19 39 B+	20 19 39 B+	22 22 44 A	21 20 41 A	104 101 205	754	754	9.33		PASSED & PROMOTED
20030510013 BINIT KUMAR JHA	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	69 30 99 A+	65 27 92 A+	69 30 99 A+	66 28 94 A+	401 170 571	22 21 43 A	22 21 43 A	23 24 47 A+	23 24 47 A+	22 22 44 A	112 112 224	795	795	9.86		PASSED & PROMOTED
20030510014 DANISH HUSSAIN	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	60 24 84 A	67 30 97 A+	63 26 89 A	59 23 82 A	66 29 95 A+	375 156 531	21 21 42 A	20 19 39 B+	19 17 36 B+	22 22 44 A	21 20 41 A	103 99 202	733	733	9.05		PASSED & PROMOTED
20030510015 DEEPAK KUMAR	FIN / EXT TER / INT TOTAL GRADE	64 27 91 A+	62 25 87 A	67 29 96 A+	63 26 89 A	61 24 85 A	67 29 96 A+	384 160 544	22 22 44 A	21 21 42 A	20 18 38 B+	22 23 45 A+	21 21 42 A	106 105 211	755	755	9.33		PASSED & PROMOTED
20030510016 DEEPAK KUMAR MEHTA	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	63 26 89 A	68 30 98 A+	67 29 96 A+	64 27 91 A+	65 28 93 A+	394 169 563	22 21 43 A	21 19 40 A	20 18 38 B+	22 22 44 A	22 22 44 A	107 102 209	772	772	9.57		PASSED & PROMOTED
20030510017 DIVYA KACHHAP	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	64 26 90 A+	67 29 96 A+	65 27 92 A+	68 30 98 A+	67 29 96 A+	395 167 562	21 21 42 A	22 23 45 A+	23 24 47 A+	23 24 47 A+	22 23 45 A+	111 115 226	788	788	9.95		PASSED & PROMOTED
20030510018 KAMLESH KUMAR VISHWAKARMA	FIN / EXT TER / INT TOTAL GRADE	58 22 80 A	61 24 85 A	63 26 89 A	64 27 91 A+	68 30 98 A+	64 27 91 A+	378 156 534	22 21 43 A	21 20 41 A	20 17 37 B+	23 23 46 A+	22 22 44 A	108 103 211	745	745	9.29		PASSED & PROMOTED
20030510019 KAMLESH SOREN	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	62 25 87 A	66 28 94 A+	63 26 89 A	64 27 91 A+	67 29 96 A+	389 164 553	20 20 40 A	20 19 39 B+	18 16 34 B	21 22 43 A	22 23 45 A+	101 100 201	754	754	9.38		PASSED & PROMOTED
20030510020 KUMAR AAYUSH	FIN / EXT TER / INT TOTAL GRADE	63 27 90 A+	62 26 88 A	67 30 97 A+	61 25 86 A	61 25 86 A	65 28 93 A+	379 161 540	21 21 42 A	20 19 39 B+	19 17 36 B+	21 22 43 A	20 20 40 A	101 99 200	740	740	9.24		PASSED & PROMOTED

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B.TECH 3RD SEMESTER IN MINING ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 3 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MN302	MT301	CE302	MN304	BSC302	TOTAL THEORY	MN302P	CE302P	HS301	MN304P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	1	5	21					
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545			SGPA	CGPA	Remarks
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-							
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	20030510021 KUMAR ANMOL	FIN / EXT TER / INT TOTAL GRADE	69 29 98 A+	64 25 89 A	70 30 100 A+	69 29 98 A+	70 30 100 A+	411 172 583	22 21 43 A	21 19 40 A	21 18 39 B+	24 24 48 A+	23 23 46 A+	111 105 216	799	799	9.67		PASSED & PROMOTED	
	20030510022 MANAN SANGHAI	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	64 26 90 A+	69 30 99 A+	66 28 94 A+	404 172 576	21 20 41 A	23 24 47 A+	21 20 41 A	23 24 47 A+	21 21 42 A	109 109 218	794	794	9.86		PASSED & PROMOTED		
	20030510023 MANISHA KUMARI	FIN / EXT TER / INT TOTAL GRADE	58 22 80 A	64 27 91 A+	66 29 95 A+	63 26 89 A	384 163 547	22 21 43 A	21 19 40 A	21 20 41 A	23 23 46 A+	23 23 46 A+	110 106 216	763	763	9.52		PASSED & PROMOTED		
	20030510024 MANJEET KUMAR MARANDI	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	60 24 84 A	64 27 91 A+	62 26 88 A	376 157 533	20 20 40 A	22 24 46 A+	19 17 36 B+	22 23 45 A+	21 22 43 A	104 106 210	743	743	9.33		PASSED & PROMOTED		
	20030510025 MANTOSH KUMAR	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	63 25 88 A	69 30 99 A+	66 28 94 A+	398 168 566	21 20 41 A	21 19 40 A	22 22 44 A	23 23 46 A+	22 21 43 A	109 105 214	780	780	9.67		PASSED & PROMOTED		
	20030510026 MOHIT KUMAR SHARMA	FIN / EXT TER / INT TOTAL GRADE	64 27 91 A+	63 26 89 A	66 29 95 A+	63 26 89 A	386 164 550	21 21 42 A	21 21 42 A	22 22 44 A	22 23 45 A+	21 21 42 A	107 108 215	765	765	9.52		PASSED & PROMOTED		
	20030510027 MUKUND HAMIRWASIA	FIN / EXT TER / INT TOTAL GRADE	68 29 97 A+	63 25 88 A	69 30 99 A+	62 24 86 A	399 167 566	22 21 43 A	21 19 40 A	23 23 46 A+	22 22 44 A	22 21 43 A	110 106 216	782	782	9.52		PASSED & PROMOTED		
	20030510028 NAGMANI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	61 24 85 A	67 29 96 A+	66 28 94 A+	396 169 565	22 22 44 A	23 24 47 A+	23 23 46 A+	23 23 46 A+	22 22 44 A	113 114 227	792	792	9.76		PASSED & PROMOTED		
	20030510029 NITISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 24 85 A	62 25 87 A	67 29 96 A+	63 26 89 A	375 153 528	22 22 44 A	22 23 45 A+	20 19 39 B+	22 23 45 A+	21 21 42 A	107 108 215	743	743	9.19		PASSED & PROMOTED		
	20030510030 NITISH KUMAR KESHRI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	64 26 90 A+	69 30 99 A+	62 24 86 A	384 156 540	21 20 41 A	20 19 39 B+	20 19 39 B+	22 22 44 A	22 22 44 A	105 102 207	747	747	9.24		PASSED & PROMOTED		

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

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Pages : 4 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MN302	MT301	CE302	MN304	BSC302	TOTAL THEORY	MN302P	CE302P	HS301	MN304P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	1	5	21					
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545					
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-							
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	FIN / EXT	55	59	66	63	62	61	366	20	20	21	22	21	104						
	TER / INT	20	23	29	27	26	25	150	20	19	22	23	21	105	725	725	9.10		PASSED & PROMOTED	
	TOTAL	75	82	95	90	88	86	516	40	39	43	45	42	209						
	GRADE	B+	A	A+	A+	A	A		A	B+	A	A+	A							
	FIN / EXT	67	61	68	66	66	67	395	21	21	21	22	21	106						
	TER / INT	29	24	30	28	28	29	168	21	20	21	23	21	106	775	775	9.67		PASSED & PROMOTED	
	TOTAL	96	85	98	94	94	96	563	42	41	42	45	42	212						
	GRADE	A+	A	A+	A+	A+	A+		A	A	A	A+	A							
	FIN / EXT	61	61	66	64	60	64	376	21	20	19	21	21	102						
	TER / INT	25	25	29	27	24	27	157	22	19	18	22	22	103	738	738	9.19		PASSED & PROMOTED	
	TOTAL	86	86	95	91	84	91	533	43	39	37	43	43	205						
	GRADE	A	A	A+	A+	A	A+		A	B+	B+	A	A							
	FIN / EXT	64	61	66	65	66	65	387	21	21	19	22	21	104						
	TER / INT	27	24	29	28	29	28	165	21	21	18	23	22	105	761	761	9.62		PASSED & PROMOTED	
	TOTAL	91	85	95	93	95	93	552	42	42	37	45	43	209						
	GRADE	A+	A	A+	A+	A+	A+		A	A	B+	A+	A							
	FIN / EXT	68	63	69	62	64	68	394	21	20	20	22	21	104						
	TER / INT	29	25	30	24	26	29	163	21	19	19	22	21	102	763	763	9.38		PASSED & PROMOTED	
	TOTAL	97	88	99	86	90	97	557	42	39	39	44	42	206						
	GRADE	A+	A	A+	A	A+	A+		A	B+	B+	A	A							
	FIN / EXT	61	59	66	61	55	63	365	21	21	21	22	21	106						
	TER / INT	26	24	30	26	21	28	155	20	21	20	22	21	104	730	730	9.00		PASSED & PROMOTED	
	TOTAL	87	83	96	87	76	91	520	41	42	41	44	42	210						
	GRADE	A	A	A+	A	B+	A+		A	A	A	A	A							
	FIN / EXT	62	63	66	65	68	65	389	21	20	22	22	22	107						
	TER / INT	25	26	29	28	30	28	166	21	19	23	23	23	109	771	771	9.52		PASSED & PROMOTED	
	TOTAL	87	89	95	93	98	93	555	42	39	45	45	45	216						
	GRADE	A	A	A+	A+	A+	A+		A	B+	A+	A+	A+							
	FIN / EXT	66	64	67	65	66	67	395	23	21	23	23	23	113						
	TER / INT	28	26	29	27	28	29	167	22	19	22	22	22	107	782	782	9.95		PASSED & PROMOTED	
	TOTAL	94	90	96	92	94	96	562	45	40	45	45	45	220						
	GRADE	A+	A+	A+	A+	A+	A+		A+	A	A+	A+	A+							
	FIN / EXT	67	63	69	68	62	69	398	22	23	23	24	22	114						
	TER / INT	28	25	30	29	24	30	166	21	23	22	24	21	111	789	789	9.62		PASSED & PROMOTED	
	TOTAL	95	88	99	97	86	99	564	43	46	45	48	43	225						
	GRADE	A+	A	A+	A+	A	A+		A	A+	A+	A+	A							
	FIN / EXT	61	59	63	62	56	65	366	20	20	20	22	21	103						
	TER / INT	26	24	28	27	22	29	156	20	19	19	23	21	102	727	727	8.95		PASSED & PROMOTED	
	TOTAL	87	83	91	89	78	94	522	40	39	39	45	42	205						
	GRADE	A	A	A+	A	B+	A+		A	B+	B+	A+	A							

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

(Computer Generated,If any error occurs that will be rectified)

Verifying Assistant

Verifying Officer

Controller of Examination

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN MINING ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 5 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC301	MN302	MT301	CE302	MN304	BSC302	TOTAL THEORY	MN302P	CE302P	HS301	MN304P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq . A+																				
80% - 89% A	Course Credit Point	4	3	3	3	3	0	16	1	1	1	1	1	5	21					
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545					
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-							
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	20030510042 SAUMODEEP BANERJEE	FIN / EXT TER / INT TOTAL GRADE	62 25 87 A	64 27 91 A+	65 28 93 A+	62 25 87 A	65 28 93 A+	64 27 91 A+	382 160 542 A	22 21 43 A	23 23 46 A+	23 24 48 A+	23 23 46 A+	115 113 228	770	770	9.62		PASSED & PROMOTED	
	20030510043 SEEMA MINJ	FIN / EXT TER / INT TOTAL GRADE	61 25 86 A	62 26 88 A	63 27 90 A+	63 27 90 A+	66 29 95 A+	65 28 93 A+	380 162 542 A	20 20 40 A	20 19 39 B+	19 17 36 B+	22 23 45 A+	103 102 205	747	747	9.43		PASSED & PROMOTED	
	20030510044 SHIV PRASAD SAW	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	66 28 94 A+	68 30 98 A+	67 29 96 A+	68 30 98 A+	64 26 90 A+	399 171 570 A	22 22 44 A	23 24 47 A+	22 23 44 A	22 23 45 A+	111 114 225	795	795	9.90		PASSED & PROMOTED	
	20030510045 SHUBHAM RAJ	FIN / EXT TER / INT TOTAL GRADE	59 28 87 A	59 28 87 A	58 27 85 A	58 27 85 A	53 23 76 B+	60 29 89 A	347 162 509 A	19 22 41 A	18 20 38 B+	18 20 38 B+	20 23 43 A	94 107 201	710	710	8.76		PASSED & PROMOTED	
	20030510046 SOMNATH BAURI	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	62 25 87 A	67 29 96 A+	64 26 90 A+	66 28 94 A+	65 27 92 A+	391 164 555 A	22 21 43 A	22 22 44 A	22 23 46 A+	22 21 43 A	111 109 220	775	775	9.67		PASSED & PROMOTED	
	20030510047 SUNNY XALXO	FIN / EXT TER / INT TOTAL GRADE	67 29 96 A+	62 25 87 A	68 30 98 A+	63 26 89 A	64 27 91 A+	67 29 96 A+	391 166 557 A	21 21 42 A	20 19 39 B+	20 18 38 B+	22 23 45 A+	104 102 206	763	763	9.43		PASSED & PROMOTED	
	20030510050 VIKASH KUMAR	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	64 26 90 A+	69 30 99 A+	68 29 97 A+	69 30 99 A+	65 27 92 A+	399 168 567 A	22 21 43 A	23 23 46 A+	20 18 38 B+	23 23 46 A+	110 106 216	783	783	9.81		PASSED & PROMOTED	
	20030510051 VISHAL PRAMANIK	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	60 24 84 A	66 29 95 A+	63 26 89 A	66 29 95 A+	66 29 95 A+	381 161 542 A	22 21 43 A	21 19 40 A	23 23 46 A+	23 23 46 A+	111 107 218	760	760	9.38		PASSED & PROMOTED	
	20030510052 YASH ADITYA	FIN / EXT TER / INT TOTAL GRADE	66 29 95 A+	64 27 91 A+	67 30 97 A+	63 26 89 A	59 23 82 A	64 27 91 A+	383 162 545 A	22 22 44 A	22 21 43 A	22 21 43 A	23 23 46 A+	111 108 219	764	764	9.52		PASSED & PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
 * Represents candidate couldn't secure minimum requisite marks to pass.

Preparer

Verifying Assistant

Verifying Officer

Controller of Examination

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI****B.I.T , SINDRI , DHANBAD****B.TECH 3RD SEMESTER IN PRODUCTION ENGINEERING EXAMINATION- 2021****ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.**

PAPER CODE	PASSING HEAD	PAPERS
ME301	THERMODYNAMICS	THEORY
ME302	FLUID MECHANICS	THEORY
ME303	STRENGTH OF MATERIALS	THEORY
MT301	MATERIALS ENGINEERING	THEORY
BSC301	MATHEMATICS-III	THEORY
BSC302	ENVIRONMENTAL SCIENCE	THEORY
ME302P	FLUID MECHANICS LAB	PRACTICAL
ME303P	STRENGTH OF MATERIALS LAB	PRACTICAL
ME301P	THERMODYNAMICS LAB	PRACTICAL
EX301	EXTRA ACTIVITIES (NSO/NSS/NCC/YOGA/CREATIVE ARTS/MINI PROJECT)	PRACTICAL
HS301	COMMUNICATION SKILL LAB	PRACTICAL

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B.TECH 3RD SEMESTER IN PRODUCTION ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 1 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$	90% \geq A+	ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME302P	ME303P	MT301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	4	0	16	1	1	1	1	1	5	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				
20030520001 ADITY SINGH	FIN / EXT TER / INT TOTAL GRADE	59 22 81 A	63 25 88 A	62 24 86 A	58 21 79 B+	67 29 96 A+	67 29 96 A+	376 150 526	20 18 38 B+	20 18 38 B+	21 21 42 A	22 23 45 A+	22 23 45 A+	105 103 208	734	734	9.05		PASSED & PROMOTED
20030520002 ADITYA KUMAR MANDAL	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	59 23 82 A	63 26 89 A	62 25 87 A	63 26 89 A	64 27 91 A+	371 151 522	20 18 38 B+	21 19 40 A	22 22 44 A	23 23 46 A+	22 21 43 A	108 103 211	733	733	9.00		PASSED & PROMOTED
20030520005 AMRENDRA TIWARY	FIN / EXT TER / INT TOTAL GRADE	61 24 85 A	61 24 85 A	63 26 89 A	62 25 87 A	67 29 96 A+	67 29 96 A+	381 157 538	23 22 45 A+	22 21 43 A	22 21 43 A	23 23 46 A+	23 22 45 A+	113 109 222	760	760	9.33		PASSED & PROMOTED
20030520006 ANAMIKA KISKU	FIN / EXT TER / INT TOTAL GRADE	60 25 85 A	60 25 85 A	61 26 87 A	60 25 85 A	59 24 83 A	62 27 89 A	362 152 514	18 15 33 B	19 17 36 B+	22 23 45 A+	22 23 45 A+	22 22 44 A	103 100 203	717	717	8.95		PASSED & PROMOTED
20030520007 ANIKET KUMAR MIRDHA	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	65 27 92 A+	66 28 94 A+	61 24 85 A	66 28 94 A+	65 27 92 A+	387 160 547	20 17 37 B+	20 17 37 B+	20 18 38 B+	23 23 46 A+	21 20 41 A	104 95 199	746	746	9.52		PASSED & PROMOTED
20030520008 ANIKET RAWANI	FIN / EXT TER / INT TOTAL GRADE	61 24 85 A	62 25 87 A	63 26 89 A	62 25 87 A	66 28 94 A+	67 29 96 A+	381 157 538	20 17 37 B+	21 20 41 A	22 21 43 A	22 22 44 A	23 23 46 A+	108 103 211	749	749	9.19		PASSED & PROMOTED
20030520009 ANKIT	FIN / EXT TER / INT TOTAL GRADE	64 26 90 A+	65 27 92 A+	65 27 92 A+	64 26 90 A+	66 28 94 A+	67 29 96 A+	391 163 554	21 20 41 A	19 17 36 B+	20 18 38 B+	22 23 45 A+	21 21 42 A	103 99 202	756	756	9.71		PASSED & PROMOTED
20030520011 ASHIM KUMAR DAS	FIN / EXT TER / INT TOTAL GRADE	65 27 92 A+	64 26 90 A+	64 26 90 A+	66 28 94 A+	67 29 96 A+	67 29 96 A+	393 165 558	23 24 47 A+	23 23 46 A+	22 22 44 A	22 21 43 A	23 23 46 A+	113 113 226	784	784	9.90		PASSED & PROMOTED
20030520012 ASHISH MISHRA	FIN / EXT TER / INT TOTAL GRADE	59 23 82 A	64 27 91 A+	63 26 89 A	57 21 78 B+	63 26 89 A	66 29 95 A+	372 152 524	19 16 35 B+	20 18 38 B+	21 20 41 A	21 21 42 A	23 24 47 A+	104 99 203	727	727	8.95		PASSED & PROMOTED
20030520013 ASHMI SINGH	FIN / EXT TER / INT TOTAL GRADE	63 26 89 A	63 26 89 A	64 27 91 A+	61 24 85 A	64 27 91 A+	67 29 96 A+	382 159 541	22 22 44 A	20 18 38 B+	20 18 38 B+	22 23 45 A+	22 22 44 A	106 103 209	750	750	9.29		PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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B.I.T , SINDRI , DHANBAD

B.TECH 3RD SEMESTER IN PRODUCTION ENGINEERING EXAMINATION- 2021

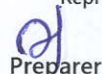
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 2 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME302P	ME303P	MT301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
50% - 59%	C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
35% - 49%	C	21	21	21	21	21	21		-	-	-	-	-						
<35%	F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
Course Credit Point		59	62	62	60	63	67	373	19	20	21	22	21	103					
Full Marks - Final / Ext.		23	26	26	24	27	30	156	16	19	20	22	21	98					
Full Marks - Ter. / Int.		82	88	88	84	90	97	529	35	39	41	44	42	201	730	730	9.10		PASSED & PROMOTED
Subject Total		A	A	A	A	A+	A+		B+	B+	A	A	A						
Pass Marks - Fin. Ext.		57	57	59	55	62	63	353	16	17	18	19	18	88					
Pass Marks - Subject		24	24	26	22	28	29	153	16	18	20	23	20	97					
20030520014	FIN / EXT	81	81	85	77	90	92	506	32	35	38	42	38	185	691	691	8.81		PASSED & PROMOTED
ASHWIN SWAPNIL PURTI	TER / INT	85	92	92	83	94	96	542	35	41	43	46	47	212	754	754	9.52		PASSED & PROMOTED
	TOTAL	A	A+	A+	A	A+	A+		B+	A	A	A+	A+						
	GRADE																		
20030520015	FIN / EXT	61	65	65	60	66	67	384	19	21	22	23	23	108					
ASRITA SAWAIYAN	TER / INT	24	27	27	23	28	29	158	16	20	21	23	24	104					
	TOTAL	85	92	92	83	94	96	542	35	41	43	46	47	212	754	754	9.52		PASSED & PROMOTED
	GRADE	A	A+	A+	A	A+	A+		B+	A	A	A+	A+						
20030520016	FIN / EXT	59	63	63	62	65	65	377	18	18	19	20	20	95					
AYUSH KUMAR	TER / INT	23	26	26	25	28	28	156	16	17	19	20	20	92					
	TOTAL	82	89	89	87	93	93	533	34	35	38	40	40	187	720	720	9.00		PASSED & PROMOTED
	GRADE	A	A	A	A	A+	A+		B	B+	B+	A	A						
20030520017	FIN / EXT	54	58	58	57	62	65	354	18	20	20	20	20	98					
BALRAM MURMU	TER / INT	21	24	24	23	28	30	150	16	21	21	21	20	99					
	TOTAL	75	82	82	80	90	95	504	34	41	41	41	40	197	701	701	8.95		PASSED & PROMOTED
	GRADE	B+	A	A	A	A+	A+		B	A	A	A	A						
20030520018	FIN / EXT	61	58	61	62	67	65	374	19	20	21	21	21	102					
BARKHA RANI DEOGAM	TER / INT	24	22	24	25	29	28	152	17	18	21	21	20	97					
	TOTAL	85	80	85	87	96	93	526	36	38	42	42	41	199	725	725	9.10		PASSED & PROMOTED
	GRADE	A	A	A	A	A+	A+		B+	B+	A	A	A						
20030520019	FIN / EXT	60	64	62	61	66	66	379	21	22	22	23	23	111					
DHANANJAY SHARMA	TER / INT	23	26	25	24	28	28	154	20	21	22	23	24	110					
	TOTAL	83	90	87	85	94	94	533	41	43	44	46	47	221	754	754	9.43		PASSED & PROMOTED
	GRADE	A	A+	A	A	A+	A+		A	A	A	A+	A+						
20030520020	FIN / EXT	64	65	64	66	66	67	392	23	21	22	23	22	111					
ISHA RANI JAISWAL	TER / INT	27	28	27	29	29	30	170	23	20	22	23	22	110					
	TOTAL	91	93	91	95	95	97	562	46	41	44	46	44	221	783	783	9.86		PASSED & PROMOTED
	GRADE	A+	A+	A+	A+	A+	A+		A+	A	A	A+	A						
20030520021	FIN / EXT	59	66	61	63	66	66	381	22	20	20	22	22	106					
JAIRAM YADAV	TER / INT	22	28	24	25	28	28	155	23	19	19	23	23	107					
	TOTAL	81	94	85	88	94	94	536	45	39	39	45	45	213	749	749	9.38		PASSED & PROMOTED
	GRADE	A	A+	A	A	A+	A+		A+	B+	B+	A+	A+						
20030520022	FIN / EXT	62	62	63	62	66	66	381	24	21	22	23	24	114					
JUHI KUMARI	TER / INT	25	25	26	25	29	29	159	25	18	20	23	24	110					
	TOTAL	87	87	89	87	95	95	540	49	39	42	46	48	224	764	764	9.29		PASSED & PROMOTED
	GRADE	A	A	A	A	A+	A+		A+	B+	A	A+	A+						
20030520023	FIN / EXT	62	62	63	62	66	66	381	24	21	22	23	24	114					
KARAN RAJ	TER / INT	25	25	26	25	29	29	159	25	18	20	23	24	110					
	TOTAL	87	87	89	87	95	95	540	49	39	42	46	48	224	764	764	9.29		PASSED & PROMOTED
	GRADE	A	A	A	A	A+	A+		A+	B+	A	A+	A+						


Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.


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B.TECH 3RD SEMESTER IN PRODUCTION ENGINEERING EXAMINATION- 2021

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Pages : 3 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME302P	ME303P	MT301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	3	3	3	3	4	0	16	1	1	1	1	1	5	21					
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545			SGPA	CGPA	Remarks
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21	21		-	-	-	-	-							
<35% F	Pass Marks - Subject	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	20030520024 KARAN RANJAN	FIN / EXT TER / INT TOTAL GRADE	61 25 86 A	64 28 92 A+	62 26 88 A	62 26 88 A	59 24 83 A	65 29 94 A+	373 158 531 A+	23 24 47 B+	20 17 37 B+	20 18 38 B+	21 20 41 A	23 24 47 A+	107 103 210	741	741	9.14	PASSED & PROMOTED	
	20030520025 KUNDAN KUMAR RAJAK	FIN / EXT TER / INT TOTAL GRADE	63 26 89 A	63 26 89 A	63 26 89 A	60 23 83 A	61 24 85 A	66 28 94 A+	376 153 529 A+	22 24 46 A+	19 18 37 B+	19 19 38 B+	20 21 41 A	21 22 43 A	101 104 205	734	734	8.95	PASSED & PROMOTED	
	20030520026 LALAN KUMAR SAW	FIN / EXT TER / INT TOTAL GRADE	60 24 84 A	61 25 86 A	64 27 91 A+	58 22 80 A	62 26 88 A	65 28 93 A+	370 152 522 B+	20 16 36 B+	21 18 39 B+	22 20 42 A	23 22 45 A+	23 23 46 A+	109 99 208	730	730	9.14	PASSED & PROMOTED	
	20030520027 MAMTA MUNDA	FIN / EXT TER / INT TOTAL GRADE	60 23 83 A	63 25 88 A	63 25 88 A	60 23 83 A	65 27 92 A+	67 29 96 A+	378 152 530 B+	19 17 36 B+	19 17 36 B+	20 19 39 B+	21 21 42 A	22 23 45 A+	101 97 198	728	728	9.10	PASSED & PROMOTED	
	20030520028 MANJULIKA BIRUA	FIN / EXT TER / INT TOTAL GRADE	59 22 81 A	61 24 85 A	60 23 83 A	60 23 83 A	66 28 94 A+	67 29 96 A+	373 149 522 A+	22 23 45 A+	21 21 42 A	20 20 40 A	22 23 45 A+	22 24 46 A+	107 111 218	740	740	9.33	PASSED & PROMOTED	
	20030520029 NEHA MAHATO	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	66 28 94 A+	66 28 94 A+	64 27 91 A+	67 29 96 A+	67 29 96 A+	396 169 565 A+	23 24 47 A+	20 18 38 B+	21 19 40 A	23 23 46 A+	23 23 46 A+	110 107 217	782	782	9.86	PASSED & PROMOTED	
	20030520030 PRABHAT SUPAKAR	FIN / EXT TER / INT TOTAL GRADE	64 27 91 A+	62 26 88 A	62 26 88 A	65 28 93 A+	59 23 82 A	66 29 95 A+	378 159 537 A	22 22 44 A	21 20 41 A	22 21 43 A	22 22 44 A	23 24 47 A+	110 109 219	756	756	9.33	PASSED & PROMOTED	
	20030520031 PRATYUSH KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 26 87 A	59 24 83 A	61 26 87 A	62 27 89 A	65 29 94 A+	65 29 94 A+	373 161 534 A+	23 24 47 A+	20 18 38 B+	20 18 38 B+	23 23 46 A+	23 24 47 A+	109 107 216	750	750	9.24	PASSED & PROMOTED	
	20030520032 PRIYANSHU MISHRA	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	66 28 94 A+	65 27 92 A+	67 29 96 A+	67 29 96 A+	67 29 96 A+	398 170 568 A+	24 24 48 A+	23 22 45 A+	23 22 45 A+	23 23 46 A+	23 23 46 A+	116 114 230	798	798	10.00	PASSED & PROMOTED	
	20030520034 RAJNISH RAVI DAS	FIN / EXT TER / INT TOTAL GRADE	58 22 80 A	64 27 91 A+	59 23 82 A	61 25 86 A	58 22 80 A	64 27 91 A+	364 146 510 B+	20 19 39 B+	19 17 36 B+	20 18 38 B+	21 20 41 A	21 21 42 A	101 95 196	706	706	9.00	PASSED & PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].

* Represents candidate couldn't secure minimum requisite marks to pass.

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Verifying Officer

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
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B.TECH 3RD SEMESTER IN PRODUCTION ENGINEERING EXAMINATION- 2021

ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINES.

Pages : 4 of 5

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	80% - 89% A	70% - 79% B+	60% - 69% B	50% - 59% C+	35% - 49% C	<35% F	ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME302P	ME303P	MT301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks	
Course Credit Point								3	3	3	3	4	0	16	1	1	1	1	1	5	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					
20030520035 RANBIR SAGAR	FIN / EXT	64	64	67	64	67	68	394	22	19	20	23	22	106						106						PASSED & PROMOTED
	TER / INT	26	26	28	26	28	29	163	22	17	19	24	23	105						105	768	768	9.76			
	TOTAL	90	90	95	90	95	97	557	44	36	39	47	45	211						211						
	GRADE	A+	A+	A+	A+	A+	A+		A	B+	B+	A+	A+													
20030520036 REYAZUL RAHMAN	FIN / EXT	63	66	64	62	64	68	387	20	20	22	23	23	108						108						PASSED & PROMOTED
	TER / INT	25	28	26	24	26	29	158	18	18	22	23	24	105						105	758	758	9.48			
	TOTAL	88	94	90	86	90	97	545	38	38	44	46	47	213						213						
	GRADE	A	A+	A+	A	A+	A+		B+	B+	A	A+	A+													
20030520037 ROHIT GARI	FIN / EXT	58	60	62	62	59	62	363	20	18	19	21	21	99						99						PASSED & PROMOTED
	TER / INT	23	25	26	26	24	26	150	20	17	19	23	22	101						101	713	713	8.90			
	TOTAL	81	85	88	88	83	88	513	40	35	38	44	43	200						200						
	GRADE	A	A	A	A	A	A		A	B+	B+	A	A													
20030520038 RUP KUMAR GHOSAL	FIN / EXT	66	66	65	67	64	64	392	22	21	21	23	23	110						110						PASSED & PROMOTED
	TER / INT	28	28	27	29	26	26	164	21	20	20	23	23	107						107	773	773	9.86			
	TOTAL	94	94	92	96	90	90	556	43	41	41	46	46	217						217						
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A	A+	A+													
20030520039 SALAI HANSDA	FIN / EXT	61	64	61	58	65	62	371	19	20	21	22	21	103						103						PASSED & PROMOTED
	TER / INT	25	28	25	23	29	26	156	16	18	20	23	20	97						97	727	727	9.29			
	TOTAL	86	92	86	81	94	88	527	35	38	41	45	41	200						200						
	GRADE	A	A+	A	A	A+	A		B+	B+	A	A+	A													
20030520040 SATYAM SHIROMANI	FIN / EXT	57	62	60	62	62	65	368	19	21	20	22	22	104						104						PASSED & PROMOTED
	TER / INT	20	24	23	24	24	27	142	16	20	18	21	21	96						96	710	710	8.76			
	TOTAL	77	86	83	86	86	92	510	35	41	38	43	43	200						200						
	GRADE	B+	A	A	A	A	A+		B+	A	B+	A	A													
20030520041 SHIBU HANSDA	FIN / EXT	56	56	58	53	61	61	345	17	19	20	20	18	94						94						PASSED & PROMOTED
	TER / INT	25	25	26	22	29	29	156	15	18	20	21	17	91						91	686	686	8.86			
	TOTAL	81	81	84	75	90	90	501	32	37	40	41	35	185						185						
	GRADE	A	A	A	B+	A+	A+		B	B+	A	A	B+													
20030520043 SIBTAIN RAZA	FIN / EXT	63	66	66	64	68	67	394	22	21	22	22	22	109						109						PASSED & PROMOTED
	TER / INT	25	27	27	26	29	28	162	22	19	21	22	22	106						106	771	771	9.62			
	TOTAL	88	93	93	90	97	95	556	44	40	43	44	44	215						215						
	GRADE	A	A+	A+	A+	A+	A+		A	A	A	A	A													
20030520044 SNEHA KUMARI	FIN / EXT	61	59	62	61	66	67	376	22	20	21	23	23	109						109						PASSED & PROMOTED
	TER / INT	24	22	25	24	28	29	152	21	18	19	23	24	105						105	742	742	9.24			
	TOTAL	85	81	87	85	94	96	528	43	38	40	46	47	214						214						
	GRADE	A	A	A	A	A+	A+		A	B+	A	A+	A+													
20030520045 SNEHA SUNNY	FIN / EXT	63	61	65	64	67	67	387	19	20	22	23	23	107						107						PASSED & PROMOTED
	TER / INT	25	24	27	26	29	29	160	16	18	21	24	24	103						103	757	757	9.48			
	TOTAL	88	85	92	90	96	96	547	35	38	43	47	47	210						210						
	GRADE	A	A	A+	A+	A+	A+		B+	B+	A	A+	A+													

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME301	ME302	ME303	MT301	BSC301	BSC302	TOTAL THEORY	ME302P	ME303P	MT301P	EX301	HS301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	4	0	16	1	1	1	1	1	5	21				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
60% - 69%	B																		
50% - 59%	C+	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
35% - 49%	C																		
<35%	F																		
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				
20030520046	FIN / EXT	62	65	65	63	68	68	391	19	21	22	23	23	108					
SOURAV KUMAR TIWARY	TER / INT	24	27	27	25	29	29	161	16	19	22	23	23	103	763	763	9.52		PASSED & PROMOTED
	TOTAL	86	92	92	88	97	97	552	35	40	44	46	46	211					
	GRADE	A	A+	A+	A	A+	A+		B+	A	A	A+	A+						
20030520047	FIN / EXT	63	67	63	64	68	68	393	21	20	19	22	19	101					
SUJIT MANDAL	TER / INT	25	28	25	26	29	29	162	21	20	18	23	18	100	756	756	9.43		PASSED & PROMOTED
	TOTAL	88	95	88	90	97	97	555	42	40	37	45	37	201					
	GRADE	A	A+	A	A+	A+	A+		A	A	B+	A+	B+						
20030520048	FIN / EXT	60	62	61	61	67	67	378	23	21	21	23	23	111					
SUMER SARWAN	TER / INT	23	25	24	24	29	29	154	23	18	19	23	22	105	748	748	9.29		PASSED & PROMOTED
	TOTAL	83	87	85	85	96	96	532	46	39	40	46	45	216					
	GRADE	A	A	A	A	A+	A+		A+	B+	A	A+	A+						
20030520049	FIN / EXT	63	62	63	60	67	64	379	20	20	21	22	22	105					
SUSHMA SARDAR	TER / INT	26	25	26	23	29	27	156	19	18	20	22	22	101	741	741	9.10		PASSED & PROMOTED
	TOTAL	89	87	89	83	96	91	535	39	38	41	44	44	206					
	GRADE	A	A	A	A	A+	A+		B+	B+	A	A	A						
20030520050	FIN / EXT	66	65	65	65	66	65	392	24	21	21	23	23	112					
TANU PRIYA	TER / INT	28	27	27	27	28	27	164	25	20	19	23	24	111	779	779	9.90		PASSED & PROMOTED
	TOTAL	94	92	92	92	94	92	556	49	41	40	46	47	223					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A	A	A+	A+						

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