

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

**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 1 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$																			
90% $\geq$ A+	BSC301	MT301	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
Course Credit Point	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					
18030420001 ABHIJEET BHAGAT	FIN / EXT TER / INT TOTAL GRADE	48 30 78 B+	48 18 66 B	51 22 73 B+	44 17 61 B	50 21 71 B+	292 135 427	22 23 45 A+	19 21 40 A	21 21 42 A	16 17 33 B	22 21 43 A	100 103 203	630	630	7.90	7.77	PASSED & PROMOTED	
18030420002 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	41 26 67 B	37 16 53 C+	31 14 45 C	38 15 53 C+	49 19 68 B	239 110 349	20 19 39 B+	19 21 40 A	19 19 38 B+	16 15 31 B	22 22 44 A	96 96 192	541	541	6.71	7.20	PASSED & PROMOTED	
18030420003 AFSHA IZHAR	FIN / EXT TER / INT TOTAL GRADE	32 27 59 C+	56 23 79 B+	45 19 64 B	40 19 59 C+	53 25 78 B+	276 132 408	21 22 43 A	20 19 39 B+	18 18 36 B+	17 18 35 B+	23 23 46 A+	99 100 199	607	607	7.33	7.85	PASSED & PROMOTED	
18030420004 AJAY KR LAYAK	FIN / EXT TER / INT TOTAL GRADE	46 30 76 B+	54 21 75 B+	65 21 86 A	58 14 72 B+	59 26 85 A	328 136 464	22 23 45 A+	23 21 44 A	21 21 42 A	22 19 41 A	21 21 42 A	109 105 214	678	678	8.57	8.55	PASSED & PROMOTED	
18030420005 AKASH KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	33 24 57 C+	49 22 71 B+	60 21 81 A	40 14 54 C+	44 21 65 B	271 130 401	22 23 45 A+	16 17 33 B	19 19 38 B+	14 18 32 B	21 21 42 A	92 98 190	591	591	7.38	7.62	PASSED & PROMOTED	
18030420006 ALISTER BAHADUR JAMUDA	FIN / EXT TER / INT TOTAL GRADE	21(+3)# 21 42 C	38 14 52 C+	35 11 46 C	22 12 35(+1)# C	26 14 40 C	185 91 277	22 19 41 A	15 17 32 B	17 17 34 B	13 18 31 B	22 23 45 A+	89 94 183	460	456	5.86	6.63	PASSED & PROMOTED	
18030420007 AMAN DEOGAM	FIN / EXT TER / INT TOTAL GRADE	31 21 52 C+	41 22 63 B	40 16 56 C+	33 16 49 C	43 24 67 B	224 121 345	23 22 45 A+	16 17 33 B	20 20 40 A	14 17 31 B	20 20 40 A	93 96 189	534	534	6.71	6.87	PASSED & PROMOTED	
18030420008 AMAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	41 25 66 B	50 24 74 B+	49 20 69 B	44 22 66 B	45 20 65 B	271 132 403	22 23 45 A+	17 19 36 B+	19 19 38 B+	17 18 35 B+	22 21 43 A	97 100 197	600	600	7.52	7.15	PASSED & PROMOTED	
18030420009 AMIT KUMAR CHOUHAN	FIN / EXT TER / INT TOTAL GRADE	35 26 61 B	51 19 70 B+	43 20 63 B	47 22 69 B	44 21 65 B	268 130 398	23 22 45 A+	20 19 39 B+	19 19 38 B+	19 18 37 B+	23 22 45 A+	104 100 204	602	602	7.57	7.99	PASSED & PROMOTED	
18030420010 AMIT KUMAR MONDAL	FIN / EXT TER / INT TOTAL GRADE	45 28 73 B+	42 24 66 B	47 19 66 B	54 16 70 B+	55 20 75 B+	290 127 417	22 23 45 A+	20 19 39 B+	18 18 36 B+	20 18 38 B+	22 22 44 A	102 100 202	619	619	7.86	7.73	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.

**JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**  
**SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI**  
**B.I.T , SINDRI , DHANBAD**  
**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 2 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$																			
	90% $\geq$ A+	BSC301	MT301	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	80% - 89% A	4	3	3	3	3	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				
18030420011 ANIKET KUMAR	FIN / EXT TER / INT TOTAL GRADE	38 15 53 C+	44 17 61 B	46 16 62 B	24 17 41 C	55 19 74 B+	51 24 75 B+	258 108 366	19 20 39 B+	16 17 33 B	18 18 36 B+	15 16 31 B	22 22 44 A	90 93 183	549	549	6.86	6.47	PASSED & PROMOTED
18030420012 ANJALI MURMU	FIN / EXT TER / INT TOTAL GRADE	26 18 44 C	41 21 62 B	42 18 60 B	31 16 47 C	53 16 69 B	51 24 75 B+	244 113 357	13 13 26 C+	15 16 31 B	19 19 38 B+	18 18 36 B+	20 20 40 A	85 86 171	528	528	6.48	6.57	PASSED & PROMOTED
18030420013 ANJALI SINGH	FIN / EXT TER / INT TOTAL GRADE	39 26 65 B	44 19 63 B	39 20 59 C+	53 18 71 B+	52 23 75 B+	48 20 68 B	275 126 401	22 23 45 A+	14 17 31 B	20 20 40 A	17 18 35 B+	22 21 43 A	95 99 194	595	595	7.52	7.70	PASSED & PROMOTED
18030420014 ANKIT	FIN / EXT TER / INT TOTAL GRADE	27 23 50 C+	44 14 58 C+	37 16 53 C+	42 20 62 B	42 17 59 C+	40 16 56 C+	232 106 338	18 19 37 B+	14 16 30 B	19 7 26 C+	14 20 34 B	23 23 46 A+	88 85 173	511	511	6.52	7.32	PASSED & PROMOTED
18030420015 ANSHUMAN SINGH	FIN / EXT TER / INT TOTAL GRADE	30 28 58 C+	38 18 56 C+	35 18 53 C+	40 15 55 C+	47 17 64 B	41 20 61 B	231 116 347	22 23 45 A+	15 19 34 B	20 20 40 A	14 19 33 B	21 21 42 A	92 102 194	541	541	6.71	7.14	PASSED & PROMOTED
18030420016 ARUN KUMAR	FIN / EXT TER / INT TOTAL GRADE	51 30 81 A	52 24 76 B+	43 20 63 B	46 22 68 B	56 21 77 B+	44 30 74 B+	292 147 439	16 16 32 B	16 17 33 B	19 19 38 B+	18 17 35 B+	21 20 41 A	90 89 179	618	618	7.86	7.64	PASSED & PROMOTED
18030420017 ARVIND BODRA	FIN / EXT TER / INT TOTAL GRADE	25 22 47 C	28 19 47 C	50 17 67 B	35 14 49 C	56 25 81 A	50 21 71 B+	244 118 362	15 17 32 B	16 17 33 B	20 20 40 A	13 18 31 B	22 23 45 A+	86 95 181	543	543	6.57	6.97	PASSED & PROMOTED
18030420018 AVINASH KUMAR	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	39 24 63 B	34 25 59 C+	42 19 61 B	50 17 67 B	45 29 74 B+	267 143 410	17 16 33 B	16 18 34 B	19 19 38 B+	13 20 33 B	20 20 40 A	85 93 178	588	588	7.38	8.30	PASSED & PROMOTED
18030420019 AVITA BHARTI	FIN / EXT TER / INT TOTAL GRADE	35 28 63 B	42 26 68 B	43 24 67 B	31 19 50 C+	45 15 60 B	51 22 73 B+	247 134 381	20 17 37 B+	19 21 40 A	18 18 36 B+	17 18 35 B+	21 21 42 A	95 95 190	571	571	7.19	7.11	PASSED & PROMOTED
18030420020 AYUSH RAJ MAJHI	FIN / EXT TER / INT TOTAL GRADE	47 25 72 B+	48 15 63 B	43 19 62 B	40 19 59 C+	36 18 54 C+	46 18 64 B	260 114 374	20 19 39 B+	21 22 43 A	18 18 36 B+	13 18 31 B	22 23 45 A+	94 100 194	568	568	7.24	7.75	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.

**JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**  
**SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI**  
**B.I.T , SINDRI , DHANBAD**  
**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 3 of 10

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	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	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	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				
<b>Subject Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>600</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>850</b>	<b>850</b>			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	<b>210</b>	25	25	25	25	25	<b>125</b>	<b>335</b>				
18030420021 BINIT KUMAR GORAI	FIN / EXT TER / INT TOTAL GRADE	41 26 67 B	49 26 75 B+	53 23 76 B+	50 25 75 B+	49 22 71 B+	50 27 77 B+	292 149 441	19 20 39 B+	15 16 31 B	23 23 46 A+	19 21 40 A	22 22 44 A	98 102 200	641	641	7.95	8.26	PASSED & PROMOTED
18030420022 BISHNU MAHATO	FIN / EXT TER / INT TOTAL GRADE	39 20 59 C+	43 19 62 B	34 19 53 C+	58 15 73 B+	40 22 62 B	42 22 64 B	256 117 373	19 19 38 B+	18 20 38 B+	22 22 44 A	15 18 33 B	23 23 46 A+	97 102 199	572	572	7.14	7.45	PASSED & PROMOTED
18030420023 CHANICAL SINGH	FIN / EXT TER / INT TOTAL GRADE	13* 19 32* F	30 13 43 C	37 15 52 C+	31 13 44 C	32 15 47 C	35 21 56 C+	178 96 274	12 14 26 C+	15 16 31 B	18 18 36 B+	14 17 31 B	22 22 44 A	81 87 168	442	442	4.76	5.74	PROMOTED
18030420024 CHANDAN HANSDAH	FIN / EXT TER / INT TOTAL GRADE	36 24 60 B	44 13 57 C+	41 15 56 C+	31 14 45 C	38 16 54 C+	36 23 59 C+	226 105 331	18 20 38 B+	17 18 35 B+	19 19 38 B+	14 17 31 B	20 20 40 A	88 94 182	513	513	6.52	6.18	PASSED & PROMOTED
18030420025 CHITRA RANI JHA	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	46 22 68 B	52 20 72 B+	53 20 73 B+	59 27 86 A	55 20 75 B+	322 139 461	22 23 45 A+	20 21 41 A	21 21 42 A	19 18 37 B+	21 21 42 A	103 104 207	668	668	8.43	8.63	PASSED & PROMOTED
18030420026 DIVYA RAJAN	FIN / EXT TER / INT TOTAL GRADE	50 28 78 B+	48 22 70 B+	51 26 77 B+	51 18 69 B	61 28 89 A	50 27 77 B+	311 149 460	23 22 45 A+	20 21 41 A	19 19 38 B+	21 21 42 A	22 22 44 A	105 105 210	670	670	8.24	8.48	PASSED & PROMOTED
18030420027 DIVYAS PURTY	FIN / EXT TER / INT TOTAL GRADE	34 22 56 C+	40 16 56 C+	37 20 57 C+	28 22 50 C+	45 20 65 B	49 20 69 B	233 120 353	16 16 32 B	16 17 33 B	20 20 40 A	14 18 32 B	23 22 45 A+	89 93 182	535	535	6.62	7.18	PASSED & PROMOTED
18030420028 GAUTAM KUMAR	FIN / EXT TER / INT TOTAL GRADE	28 27 55 C+	54 23 77 B+	39 20 59 C+	24 12 36 C	47 24 71 B+	51 30 81 A	243 136 379	18 19 37 B+	14 16 30 B	20 20 40 A	16 15 31 B	22 22 44 A	90 92 182	561	561	6.90	7.12	PASSED & PROMOTED
18030420029 HIMANSHU PANDEY	FIN / EXT TER / INT TOTAL GRADE	38 27 65 B	52 18 70 B+	50 17 67 B	43 15 58 C+	46 25 71 B+	49 26 75 B+	278 128 406	15 17 32 B	15 16 31 B	20 20 40 A	15 16 31 B	22 22 44 A	87 91 178	584	584	7.33	7.46	PASSED & PROMOTED
18030420030 INDRAJEET KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	40 30 70 B+	42 20 62 B	53 28 81 A	44 20 64 B	58 26 84 A	43 23 66 B	280 147 427	19 19 38 B+	21 16 37 B+	22 22 44 A	13 22 35 B+	21 21 42 A	96 100 196	623	623	8.10	7.85	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.

**JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**  
**SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI**  
**B.I.T , SINDRI , DHANBAD**  
**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 4 of 10

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	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	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	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				
<b>Subject Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>600</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>850</b>	<b>850</b>			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	<b>210</b>	25	25	25	25	25	<b>125</b>	<b>335</b>				
18030420031 JENET HEMROM	FIN / EXT TER / INT TOTAL GRADE	21(+3)# 22 43 C	30 16 46 C	24 19 43 C	28 17 45 C	37 15 52 C+	44 20 64 B	184 109 293	16 17 33 B	14 17 31 B	17 17 34 B	20 18 38 B+	20 20 40 A	87 89 176	469	466	5.76	6.79	PASSED & PROMOTED
18030420032 KAVITA KUMARI	FIN / EXT TER / INT TOTAL GRADE	51 29 80 A	49 25 74 B+	47 26 73 B+	52 27 79 B+	66 24 90 A+	53 25 78 B+	318 156 474	18 19 37 B+	16 17 33 B	18 21 39 B+	19 18 37 B+	20 20 40 A	91 95 186	660	660	8.48	8.45	PASSED & PROMOTED
18030420033 KESHU RANJAN	FIN / EXT TER / INT TOTAL GRADE	50 27 77 B+	60 26 86 A	59 28 87 A	60 27 87 A	59 26 85 A	47 24 71 B+	335 158 493	22 23 45 A+	16 17 33 B	20 21 41 A	19 22 41 A	21 23 44 A	98 106 204	697	697	8.76	8.37	PASSED & PROMOTED
18030420034 KUMAR AYUSH	FIN / EXT TER / INT TOTAL GRADE	52 27 79 B+	45 23 68 B	54 26 80 A	54 22 76 B+	58 25 83 A	48 24 72 B+	311 147 458	22 22 44 A	19 20 39 B+	25 21 46 A+	15 20 35 B+	20 20 40 A	101 103 204	662	662	8.33	8.34	PASSED & PROMOTED
18030420035 KUMAR KARAN	FIN / EXT TER / INT TOTAL GRADE	42 30 72 B+	41 19 60 B	45 18 63 B	48 24 72 B+	49 24 73 B+	50 20 70 B+	275 135 410	18 20 38 B+	19 20 39 B+	21 20 41 A	15 17 32 B	22 22 44 A	95 99 194	604	604	7.76	7.71	PASSED & PROMOTED
18030420036 MANVENDU	FIN / EXT TER / INT TOTAL GRADE	22 22 44 C	41 28 69 B	41 21 62 B	31 19 50 C+	46 16 62 B	45 29 74 B+	226 135 361	22 23 45 A+	17 19 36 B+	19 17 36 B+	13 18 31 B	21 21 42 A	92 98 190	551	551	6.81	7.17	PASSED & PROMOTED
18030420037 MD SADIQUE IQBAL	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	46 26 72 B+	46 20 66 B	43 20 63 B	47 18 65 B	42 23 65 B	277 136 413	18 19 37 B+	22 23 45 A+	19 19 38 B+	18 18 36 B+	21 21 42 A	98 100 198	611	611	7.90	7.96	PASSED & PROMOTED
18030420038 MD SAQUIB SAUD ANSARI	FIN / EXT TER / INT TOTAL GRADE	53 28 81 A	50 22 72 B+	51 25 76 B+	50 20 70 B+	47 20 67 B	43 22 65 B	294 137 431	19 20 39 B+	17 19 36 B+	19 18 37 B+	20 17 37 B+	22 21 43 A	97 95 192	623	623	8.10	7.90	PASSED & PROMOTED
18030420039 MEGHA KUMARI	FIN / EXT TER / INT TOTAL GRADE	36 27 63 B	48 16 64 B	53 26 79 B+	53 22 75 B+	56 27 83 A	54 21 75 B+	300 139 439	22 23 45 A+	16 19 35 B+	21 24 45 A+	14 18 32 B	20 20 40 A	93 104 197	636	636	8.00	8.01	PASSED & PROMOTED
18030420040 MUSKAN SHAHIN	FIN / EXT TER / INT TOTAL GRADE	51 28 79 B+	42 22 64 B	58 28 86 A	51 24 75 B+	56 27 83 A	49 25 74 B+	307 154 461	18 20 38 B+	16 17 33 B	25 22 47 A+	15 23 38 B+	21 21 42 A	95 103 198	659	659	8.24	8.59	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.

**JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**  
**SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI**  
**B.I.T , SINDRI , DHANBAD**  
**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 5 of 10

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	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	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	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				
<b>Subject Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>600</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>850</b>	<b>850</b>			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	<b>210</b>	25	25	25	25	25	<b>125</b>	<b>335</b>				
18030420041 NAVINETRA	FIN / EXT TER / INT TOTAL GRADE	43 28 71 B+	45 21 66 B	40 25 65 B	45 22 67 B	57 28 85 A	49 24 73 B+	279 148 427	20 19 39 B+	19 21 40 A	21 23 44 A	19 18 37 B+	20 23 43 A	99 104 203	630	630	7.86	7.80	PASSED & PROMOTED
18030420042 NEHA CHOUDHARY	FIN / EXT TER / INT TOTAL GRADE	51 26 77 B+	49 23 72 B+	56 22 78 B+	55 24 79 B+	60 22 82 A	50 22 72 B+	321 139 460	19 20 39 B+	16 17 33 B	17 19 36 B+	15 18 33 B	20 23 43 A	87 97 184	644	644	8.10	8.53	PASSED & PROMOTED
18030420043 NIKETAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	48 29 77 B+	50 19 69 B	53 23 76 B+	48 24 72 B+	51 21 72 B+	51 21 72 B+	301 137 438	16 17 33 B	16 17 33 B	19 19 38 B+	15 19 34 B	20 21 41 A	86 93 179	617	617	7.76	8.09	PASSED & PROMOTED
18030420044 NIKHIL KUMAR	FIN / EXT TER / INT TOTAL GRADE	46 29 75 B+	49 22 71 B+	54 19 73 B+	49 25 74 B+	56 22 78 B+	45 23 68 B	299 140 439	21 23 44 A	17 18 35 B+	19 19 38 B+	15 16 31 B	23 23 46 A+	95 99 194	633	633	8.10	8.11	PASSED & PROMOTED
18030420045 NISCHAL TOPNO	FIN / EXT TER / INT TOTAL GRADE	23 29 52 C+	39 19 58 C+	47 21 68 B	39 20 59 C+	50 23 73 B+	38 25 63 B	236 137 373	20 19 39 B+	15 16 31 B	21 20 41 A	19 18 37 B+	21 21 42 A	96 94 190	563	563	6.95	7.16	PASSED & PROMOTED
18030420046 NISHU KUMARI	FIN / EXT TER / INT TOTAL GRADE	61 25 86 A	40 22 62 B	53 20 73 B+	53 17 70 B+	49 28 77 B+	47 26 73 B+	303 138 441	22 23 45 A+	15 16 31 B	19 25 44 A	15 18 33 B	20 20 40 A	91 102 193	634	634	8.14	8.61	PASSED & PROMOTED
18030420047 PAYAL MISHRA	FIN / EXT TER / INT TOTAL GRADE	45 28 73 B+	50 24 74 B+	48 28 76 B+	50 22 72 B+	48 27 75 B+	48 28 76 B+	289 157 446	18 20 38 B+	19 20 39 B+	20 21 41 A	18 24 42 A	21 21 42 A	96 106 202	648	648	8.14	8.70	PASSED & PROMOTED
18030420048 PREM PRAKASH	FIN / EXT TER / INT TOTAL GRADE	46 29 75 B+	41 22 63 B	46 20 66 B	37 18 55 C+	46 17 63 B	43 22 65 B	259 128 387	16 17 33 B	14 16 30 B	19 18 37 B+	13 18 31 B	20 22 42 A	82 91 173	560	560	7.19	7.50	PASSED & PROMOTED
18030420049 PUSHUP RAJ	FIN / EXT TER / INT TOTAL GRADE	39 28 67 B	54 22 76 B+	42 24 66 B	38 24 62 B	53 19 72 B+	43 25 68 B	269 142 411	16 16 32 B	21 23 44 A	19 19 38 B+	13 20 33 B	21 21 42 A	90 99 189	600	600	7.52	8.22	PASSED & PROMOTED
18030420050 RAHUL KUMAR	FIN / EXT TER / INT TOTAL GRADE	46 29 75 B+	44 22 66 B	51 25 76 B+	52 22 74 B+	57 23 80 A	38 20 58 C+	288 141 429	15 16 31 B	15 17 32 B	20 21 41 A	20 21 41 A	21 21 42 A	91 96 187	616	616	8.05	8.23	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.

# JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI

## SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI

B.I.T , SINDRI , DHANBAD

### 3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019

HELD IN THE MONTH OF JANUARY- 2020

Pages : 6 of 10

SGPA= $\sum$ Semester(Course credits * Grade point) for all courses / $\sum$ Semester(Course credits)																			
	90% $\geq$ A+	BSC301	MT301	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	80% - 89% A	4	3	3	3	3	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				
18030420051 RAHUL KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 28 83 A	41 23 64 B	56 19 75 B+	59 20 79 B+	53 28 81 A	46 24 70 B+	310 142 452	19 20 39 B+	16 17 33 B	20 23 43 A	19 18 37 B+	20 20 40 A	94 98 192	644	644	8.24	8.26	PASSED & PROMOTED
18030420052 RAJAT PAUL MINJ	FIN / EXT TER / INT TOTAL GRADE	18* 0 18* F	32 12 44 C	26 14 40 C	27 13 40 C	31 15 46 C	35 18 53 C+	169 72 241	22 19 41 A	16 17 33 B	17 17 34 B	14 17 31 B	23 23 46 A+	92 93 185	426	426	4.76	5.72	PROMOTED
18030420053 RAJEEV KUMAR HANSDA	FIN / EXT TER / INT TOTAL GRADE	21(+2)# 22 43 C	40 15 55 C+	29 15 44 C	32 15 47 C	34 19 53 C+	39 21 60 B	195 107 302	13 13 26 C+	14 16 30 B	20 20 40 A	15 17 32 B	20 20 40 A	82 86 168	470	468	5.90	6.12	PASSED & PROMOTED
18030420054 RAVI SHANKAR MAJHI	FIN / EXT TER / INT TOTAL GRADE	23 26 49 C	31 13 44 C	32 11 43 C	27 11 38 C	29 17 46 C	38 17 55 C+	180 95 275	16 17 33 B	14 16 30 B	19 19 38 B+	17 15 32 B	22 23 45 A+	88 90 178	453	453	5.67	6.28	PASSED & PROMOTED
18030420055 RICHA KUMARI	FIN / EXT TER / INT TOTAL GRADE	40 28 68 B	40 23 63 B	48 25 73 B+	48 22 70 B+	53 20 73 B+	40 22 62 B	269 140 409	21 23 44 A	16 17 33 B	18 18 36 B+	21 20 41 A	22 22 44 A	98 100 198	607	607	7.76	8.27	PASSED & PROMOTED
18030420056 RISHAV RAJ	FIN / EXT TER / INT TOTAL GRADE	47 25 72 B+	44 22 66 B	48 19 67 B	34 20 54 C+	45 17 62 B	42 22 64 B	260 125 385	16 17 33 B	14 16 30 B	22 15 37 B+	14 18 32 B	23 23 46 A+	89 89 178	563	563	7.24	7.35	PASSED & PROMOTED
18030420057 ROHIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	15* 23 38 F	39 18 57 C+	16* 11 27* F	30 11 41 C	31 10 41 C	26 14 40 C	157 87 244	12 13 25 C+	16 17 33 B	18 6 25(+1)# C+	16 15 31 B	21 21 42 A	83 72 155	400	399	3.95	4.93	NOT PROMOTED
18030420058 ROSLIN SHIROMANI MINZ	FIN / EXT TER / INT TOTAL GRADE	24 25 49 C	37 20 57 C+	15* 15 30* F	23 19 42 C	36 15 51 C+	31 23 54 C+	166 117 283	16 17 33 B	14 16 30 B	19 13 32 B	14 17 31 B	23 23 46 A+	86 86 172	455	455	5.19	6.34	PROMOTED
18030420059 ROUNAK GUPTA	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	49 27 76 B+	40 22 62 B	51 27 78 B+	46 21 67 B	51 28 79 B+	297 155 452	19 19 38 B+	15 17 32 B	21 19 40 A	17 19 36 B+	20 20 40 A	92 94 186	638	638	8.14	8.60	PASSED & PROMOTED
18030420060 ROUSHAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	45 29 74 B+	41 22 63 B	40 19 59 C+	44 18 62 B	39 23 62 B	42 22 64 B	251 133 384	20 20 40 A	15 16 31 B	19 21 40 A	13 18 31 B	23 23 46 A+	90 98 188	572	572	7.38	7.65	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.

**JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**  
**SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI**  
**B.I.T , SINDRI , DHANBAD**  
**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 7 of 10

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	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	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	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				
<b>Subject Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>600</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>850</b>	<b>850</b>			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	<b>210</b>	25	25	25	25	25	<b>125</b>	<b>335</b>				
18030420061 RUBEE LAKRA	FIN / EXT TER / INT TOTAL GRADE	31 24 55 C+	45 20 65 B	28 23 51 C+	33 19 52 C+	40 21 61 B	37 22 59 C+	214 129 343	12 13 25 C+	14 16 30 B	19 16 35 B+	14 17 31 B	23 22 45 A+	82 84 166	509	509	6.67	7.53	PASSED & PROMOTED
18030420062 SACHIN KUMAR	FIN / EXT TER / INT TOTAL GRADE	36 26 62 B	55 21 76 B+	45 20 65 B	50 17 67 B	39 21 60 B	41 25 66 B	266 130 396	19 19 38 B+	16 17 33 B	20 19 39 B+	15 18 33 B	23 23 46 A+	93 96 189	585	585	7.38	7.25	PASSED & PROMOTED
18030420063 SAGAR JAIN	FIN / EXT TER / INT TOTAL GRADE	26 28 54 C+	46 18 64 B	43 13 56 C+	39 21 60 B	39 14 53 C+	42 25 67 B	235 119 354	18 20 38 B+	15 16 31 B	19 12 31 B	16 19 35 B+	21 21 42 A	89 88 177	531	531	6.71	7.26	PASSED & PROMOTED
18030420064 SAKET BAJAJ	FIN / EXT TER / INT TOTAL GRADE	24 24 48 C	38 22 60 B	31 15 46 C	33 12 45 C	33 11 44 C	47 20 67 B	206 104 310	19 19 38 B+	14 16 30 B	20 9 29 C+	14 18 32 B	20 20 40 A	87 82 169	479	479	5.86	7.03	PASSED & PROMOTED
18030420065 SAMEER KUMAR	FIN / EXT TER / INT TOTAL GRADE	11* 22 33* F	36 16 52 C+	35 18 53 C+	47 16 63 B	46 15 61 B	40 22 62 B	215 109 324	20 16 36 B+	15 17 32 B	23 13 36 B+	14 17 31 B	23 23 46 A+	95 86 181	505	505	5.62	6.76	PROMOTED
18030420066 SANJU KUMARI	FIN / EXT TER / INT TOTAL GRADE	21(+3)# 26 47 C	32 21 53 C+	31 20 51 C+	42 16 58 C+	44 22 66 B	45 23 68 B	215 128 343	16 19 35 B+	14 17 31 B	22 17 39 B+	16 15 31 B	23 22 45 A+	91 90 181	524	521	6.43	7.38	PASSED & PROMOTED
18030420067 SANU KUMAR	FIN / EXT TER / INT TOTAL GRADE	46 26 72 B+	50 20 70 B+	49 20 69 B	51 18 69 B	56 17 73 B+	46 27 73 B+	298 128 426	16 17 33 B	14 17 31 B	23 14 37 B+	14 18 32 B	20 20 40 A	87 86 173	599	599	7.62	7.98	PASSED & PROMOTED
18030420068 SATISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	43 26 69 B	48 21 69 B	47 24 71 B+	57 19 76 B+	47 23 70 B+	299 142 441	22 23 45 A+	17 19 36 B+	23 17 40 A	14 17 31 B	23 23 46 A+	99 99 198	639	639	8.10	8.63	PASSED & PROMOTED
18030420069 SAURABH BHARDWAJ	FIN / EXT TER / INT TOTAL GRADE	36 29 65 B	49 23 72 B+	55 22 77 B+	51 21 72 B+	54 14 68 B	38 24 62 B	283 133 416	22 23 45 A+	21 22 43 A	22 12 34 B	16 18 34 B	22 23 45 A+	103 98 201	617	617	7.81	8.43	PASSED & PROMOTED
18030420070 SHIVAM KUMAR	FIN / EXT TER / INT TOTAL GRADE	36 25 61 B	55 18 73 B+	44 23 67 B	40 25 65 B	39 22 61 B	46 21 67 B	260 134 394	13 13 26 C+	14 16 30 B	23 20 43 A	17 18 35 B+	20 20 40 A	87 87 174	568	568	7.33	7.91	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.

**JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**  
**SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI**  
**B.I.T , SINDRI , DHANBAD**  
**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 8 of 10

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	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	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	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				
<b>Subject Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>600</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>850</b>	<b>850</b>			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	<b>210</b>	25	25	25	25	25	<b>125</b>	<b>335</b>				
18030420071 SHIVANI KUMARI	FIN / EXT TER / INT TOTAL GRADE	33 27 60 B	55 24 79 B+	52 23 75 B+	48 23 71 B+	56 16 72 B+	49 24 73 B+	293 137 430	22 22 44 A	19 21 40 A	21 11 32 B	17 22 39 B+	20 20 40 A	99 96 195	625	625	7.90	8.42	PASSED & PROMOTED
18030420072 SHUBHAM KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 29 90 A+	55 23 78 B+	47 24 71 B+	51 22 73 B+	56 18 74 B+	39 22 61 B	309 138 447	19 19 38 B+	19 21 40 A	22 16 38 B+	19 21 40 A	20 20 40 A	99 97 196	643	643	8.52	8.71	PASSED & PROMOTED
18030420073 SHUBHAM KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	14* 17 31* F	41 14 55 C+	30 10 40 C	22 12 35(+1)# C	31 10 41 C	40 18 58 C+	178 81 260	16 16 32 B	14 16 30 B	23 7 30 B	13 18 31 B	21 21 42 A	87 78 165	425	424	4.76	5.59	PROMOTED
18030420074 SHUBHAM SAHU	FIN / EXT TER / INT TOTAL GRADE	38 29 67 B	52 22 74 B+	45 23 68 B	51 26 77 B+	55 24 79 B+	51 25 76 B+	292 149 441	22 23 45 A+	21 22 43 A	23 19 42 A	19 18 37 B+	21 21 42 A	106 103 209	650	650	7.90	8.45	PASSED & PROMOTED
18030420075 SNEHA	FIN / EXT TER / INT TOTAL GRADE	39 26 65 B	42 21 63 B	46 22 68 B	44 20 64 B	56 26 82 A	51 22 73 B+	278 137 415	22 21 43 A	19 20 39 B+	22 21 43 A	18 14 32 B	20 21 41 A	101 97 198	613	613	7.62	8.07	PASSED & PROMOTED
18030420076 SOMYA KUMARI	FIN / EXT TER / INT TOTAL GRADE	37 27 64 B	43 21 64 B	43 21 64 B	50 22 72 B+	45 18 63 B	52 21 73 B+	270 130 400	19 19 38 B+	21 22 43 A	23 15 38 B+	16 15 31 B	23 23 46 A+	102 94 196	596	596	7.48	7.78	PASSED & PROMOTED
18030420077 SONAL AGARWAL	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	42 27 69 B	53 27 80 A	43 20 63 B	61 25 86 A	53 23 76 B+	311 151 462	22 22 44 A	19 20 39 B+	23 23 46 A+	21 18 39 B+	22 22 44 A	107 105 212	674	674	8.38	8.53	PASSED & PROMOTED
18030420079 SOUKAT ANSARI	FIN / EXT TER / INT TOTAL GRADE	11* 16 27* F	26 15 41 C	23 12 35 C	16* 8 24* F	22 10 35(+3)# C	26 23 49 C	124 84 211	12 13 25 C+	14 16 30 B	23 8 31 B	14 19 33 B	21 22 43 A	84 78 162	373	370	3.86	4.52	NOT PROMOTED
18030420080 SRIJAL SOREN	FIN / EXT TER / INT TOTAL GRADE	38 22 60 B	39 20 59 C+	42 16 58 C+	31 17 48 C	46 12 58 C+	43 21 64 B	239 108 347	19 20 39 B+	15 17 32 B	21 10 31 B	13 18 31 B	21 21 42 A	89 86 175	522	522	6.43	7.26	PASSED & PROMOTED
18030420081 SUBHASIS NANDA	FIN / EXT TER / INT TOTAL GRADE	45 23 68 B	32 18 50 C+	31 15 46 C	22 13 35 C	30 12 42 C	35 18 53 C+	195 99 294	19 18 37 B+	14 16 30 B	23 10 33 B	13 18 31 B	22 22 44 A	91 84 175	469	469	6.14	6.66	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.



**JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**  
**SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI**  
**B.I.T , SINDRI , DHANBAD**  
**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 9 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$																			
	90% $\geq$ A+	BSC301	MT301	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	80% - 89% A	4	3	3	3	3	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				
18030420082 SUMEET VISHWAKARMA	FIN / EXT TER / INT TOTAL GRADE	29 27 56 C+	43 24 67 B	57 23 80 A	45 21 66 B	59 14 73 B+	46 26 72 B+	279 135 414	20 18 38 B+	19 20 39 B+	23 12 35 B+	19 22 41 A	20 20 40 A	101 92 193	607	607	7.57	7.85	PASSED & PROMOTED
18030420083 SUPRIYA KUMARI	FIN / EXT TER / INT TOTAL GRADE	42 29 71 B+	43 25 68 B	51 27 78 B+	53 20 73 B+	64 26 90 A+	51 23 74 B+	304 150 454	20 19 39 B+	20 22 42 A	21 21 42 A	21 18 39 B+	21 21 42 A	103 101 204	658	658	8.29	8.32	PASSED & PROMOTED
18030420084 SURAJ KUMAR	FIN / EXT TER / INT TOTAL GRADE	36 22 58 C+	25 20 45 C	40 16 56 C+	35 12 47 C	34 27 61 B	40 21 61 B	210 118 328	13 13 26 C+	14 16 30 B	19 22 41 A	14 21 35 B+	22 22 44 A	82 94 176	504	504	6.29	6.99	PASSED & PROMOTED
18030420085 SWARNENDU BANERJEE	FIN / EXT TER / INT TOTAL GRADE	31 25 56 C+	25 22 47 C	41 19 60 B	44 23 67 B	47 23 70 B+	39 20 59 C+	227 132 359	18 20 38 B+	14 16 30 B	20 21 41 A	13 18 31 B	20 20 40 A	85 95 180	539	539	6.90	6.95	PASSED & PROMOTED
18030420086 SWATI KUMARI SINGH	FIN / EXT TER / INT TOTAL GRADE	50 28 78 B+	36 23 59 C+	46 22 68 B	53 21 74 B+	62 24 86 A	50 20 70 B+	297 138 435	15 17 32 B	17 19 36 B+	18 19 37 B+	16 17 33 B	23 23 46 A+	89 95 184	619	619	7.71	8.13	PASSED & PROMOTED
18030420087 SWETA SIPRA	FIN / EXT TER / INT TOTAL GRADE	46 30 76 B+	53 23 76 B+	53 25 78 B+	58 24 82 A	65 29 94 A+	47 22 69 B	322 153 475	23 21 44 A	19 21 40 A	23 24 47 A+	18 15 33 B	20 20 40 A	103 101 204	679	679	8.62	8.81	PASSED & PROMOTED
18030420088 TRILOKY BARAIK	FIN / EXT TER / INT TOTAL GRADE	31 22 53 C+	46 19 65 B	51 19 70 B+	43 18 61 B	50 20 70 B+	43 20 63 B	264 118 382	19 20 39 B+	15 17 32 B	20 18 38 B+	17 17 34 B	23 23 46 A+	94 95 189	571	571	7.33	8.02	PASSED & PROMOTED
18030420089 VANDANA SHARMA	FIN / EXT TER / INT TOTAL GRADE	56 30 86 A	38 27 65 B	54 26 80 A	61 25 86 A	66 26 92 A+	48 21 69 B	323 155 478	22 23 45 A+	22 23 45 A+	21 21 42 A	22 18 40 A	21 21 42 A	108 106 214	692	692	8.95	9.18	PASSED & PROMOTED
18030420090 VARSHA AGARWAL	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	50 26 76 B+	58 27 85 A	59 28 87 A	66 23 89 A	54 25 79 B+	348 159 507	22 22 44 A	16 17 33 B	21 20 41 A	22 18 40 A	21 21 42 A	102 98 200	707	707	8.95	9.05	PASSED & PROMOTED
18030420091 VINEET CHANDRA GOKHALE	FIN / EXT TER / INT TOTAL GRADE	40 29 69 B	36 19 55 C+	32 18 50 C+	41 17 58 C+	55 18 73 B+	47 19 66 B	251 120 371	22 23 45 A+	14 16 30 B	19 16 35 B+	15 18 33 B	22 22 44 A	92 95 187	558	558	7.00	7.77	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.

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

**3RD SEMESTER B.TECH IN CHEMICAL ENGINEERING EXAMINATION- 2019**  
**HELD IN THE MONTH OF JANUARY- 2020**

Pages : 10 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$																			
	90% $\geq$ A+	BSC301	MT301	CL301	ME302	CL302	BSC302	TOTAL THEORY	HS301	ME302P	CL302P	CL301P	EX301	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	80% - 89% A	4	3	3	3	3	0	16	1	1	1	1	1	5	21		SGPA	CGPA	Remarks
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				
<b>Subject Total</b>	50% - 59% C+	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>600</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>850</b>	<b>850</b>			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	<b>210</b>	25	25	25	25	25	<b>125</b>	<b>335</b>				
18030420092 VINSENT PRAFUL KHALKHO	FIN / EXT TER / INT TOTAL GRADE	13* 20 33* F	37 19 56 C+	24 11 35 C	23 14 37 C	21(+1)# 13 35(+1)# C	48 17 65 B	166 94 261	12 13 25 C+	14 16 30 B	20 11 31 B	13 18 31 B	24 24 48 A+	83 82 165	426	424	4.76	5.82	PROMOTED
18030420093 VIVEK KUMAR BARNWAL	FIN / EXT TER / INT TOTAL GRADE	55 30 85 A	43 24 67 B	30 18 48 C	43 21 64 B	54 27 81 A	40 21 61 B	265 141 406	16 17 33 B	14 19 33 B	18 22 40 A	15 17 32 B	21 21 42 A	84 96 180	586	586	7.57	7.98	PASSED & PROMOTED
18030420094 VIVEK KUMAR GUPTA	FIN / EXT TER / INT TOTAL GRADE	50 29 79 B+	37 23 60 B	37 23 60 B	52 23 75 B+	51 18 69 B	45 18 63 B	272 134 406	20 19 39 B+	19 21 40 A	22 16 38 B+	17 15 32 B	20 20 40 A	98 91 189	595	595	7.62	7.64	PASSED & PROMOTED
18030420095 RAHUL KUMAR RAJAK	FIN / EXT TER / INT TOTAL GRADE	37 29 66 B	43 17 60 B	43 22 65 B	31 18 49 C	41 16 57 C+	35 - 35 C	230 102 332	23 22 45 A+	22 23 45 A+	18 18 36 B+	15 18 33 B	20 20 40 A	98 101 199	531	531	7.00	7.18	PASSED & PROMOTED
18030425001 MANISH KUMAR PANDIT	FIN / EXT TER / INT TOTAL GRADE	10* 20 30* F	25 22 47 C	21 16 37 C	24 10 35(+1)# C	31 10 41 C	36 19 55 C+	147 97 245	12 14 26 C+	14 14 28 C+	18 5 25(+2)# C+	15 16 31 B	23 23 46 A+	82 72 154	401	398	4.52	4.52	NOT PROMOTED
18030425002 RANJANA KUMARI	FIN / EXT TER / INT TOTAL GRADE	6* 19 25* F	21 16 37 C	21(+3)# 14 35 C	24 10 35(+1)# C	27 10 37 C	29 20 49 C	128 89 218	14 13 27 C+	14 14 28 C+	18 8 26 C+	14 17 31 B	21 22 43 A	81 74 155	373	369	4.48	4.48	NOT 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.