

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

B.TECH 4TH SEMESTER IN CHEMICAL ENGINEERING EXAMINATION- 2020

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

Pages : 1 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		EC404	CHE401	CHE402	CHE403	CHE404	EN401	TOTAL THEORY	EC404P	CHE403P	CHE405P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	90% \geq A+	3	3	3	4	3	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																		
18030420001 ABHIJEET BHAGAT	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	59 29 88 A	58 28 86 A	58 28 86 A	58 28 86 A	58 28 86 A	351 171 522	22 24 46 A+	21 22 43 A	22 23 45 A+	21 22 43 A	21 22 43 A	107 113 220	742	742	9.24	8.14	PASSED & PROMOTED
18030420002 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	48 24 72 B+	48 24 72 B+	47 23 70 B+	52 27 79 B+	53 28 81 A	49 25 74 B+	297 151 448	20 19 39 B+	20 20 40 A	21 21 42 A	22 23 45 A+	20 20 40 A	103 103 206	654	654	8.38	7.49	PASSED & PROMOTED
18030420003 AFSHA IZHAR	FIN / EXT TER / INT TOTAL GRADE	59 30 89 A	58 29 87 A	57 28 85 A	56 27 83 A	58 29 87 A	57 28 85 A	345 171 516	22 23 45 A+	20 20 40 A	22 23 45 A+	22 24 46 A+	20 20 40 A	106 110 216	732	732	9.14	8.18	PASSED & PROMOTED
18030420004 AJAY KR LAYAK	FIN / EXT TER / INT TOTAL GRADE	62 30 92 A+	60 28 88 A	59 27 86 A	61 29 90 A+	62 30 92 A+	56 25 81 A	360 169 529	21 19 40 A	22 21 43 A	22 22 44 A	23 23 46 A+	22 21 43 A	110 106 216	745	745	9.52	8.79	PASSED & PROMOTED
18030420005 AKASH KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	58 30 88 A	58 30 88 A	56 28 84 A	56 28 84 A	56 28 84 A	56 28 84 A	340 172 512	21 22 43 A	20 20 40 A	21 21 42 A	21 22 43 A	21 22 43 A	104 107 211	723	723	9.00	7.97	PASSED & PROMOTED
18030420006 ALISTER BAHADUR JAMUDA	FIN / EXT TER / INT TOTAL GRADE	45 25 70 B+	50 29 79 B+	42 22 64 B	46 26 72 B+	44 24 68 B	44 24 68 B	271 150 421	19 19 38 B+	19 19 38 B+	20 21 41 A	21 23 44 A	20 21 41 A	99 103 202	623	623	7.86	6.94	PASSED & PROMOTED
18030420007 AMAN DEOGAM	FIN / EXT TER / INT TOTAL GRADE	54 29 83 A	55 30 85 A	52 27 79 B+	52 27 79 B+	55 30 85 A	50 26 76 B+	318 169 487	21 23 44 A	20 21 41 A	20 22 42 A	20 22 42 A	19 20 39 B+	100 108 208	695	695	8.62	7.31	PASSED & PROMOTED
18030420008 AMAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	54 26 80 A	54 26 80 A	56 27 83 A	56 27 83 A	57 28 85 A	51 23 74 B+	328 157 485	21 22 43 A	20 20 40 A	21 22 43 A	22 23 45 A+	21 21 42 A	105 108 213	698	698	9.05	7.63	PASSED & PROMOTED
18030420009 AMIT KUMAR CHOUHAN	FIN / EXT TER / INT TOTAL GRADE	58 30 88 A	53 26 79 B+	52 25 77 B+	55 27 82 A	57 29 86 A	52 25 77 B+	327 162 489	21 22 43 A	20 20 40 A	21 21 42 A	22 23 45 A+	20 19 39 B+	104 105 209	698	698	8.71	8.17	PASSED & PROMOTED
18030420010 AMIT KUMAR MONDAL	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	59 30 89 A	56 27 83 A	57 28 85 A	58 29 87 A	54 26 80 A	342 169 511	22 23 45 A+	20 19 39 B+	22 23 45 A+	22 23 45 A+	20 20 40 A	106 108 214	725	725	9.10	8.08	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 Assistant

Verifying Officer

Controller of Examination

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		EC404	CHE401	CHE402	CHE403	CHE404	EN401	TOTAL THEORY	EC404P	CHE403P	CHE405P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	Course Credit Point																		
	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				
18030420011	FIN / EXT	54	54	55	54	55	54	326	20	19	20	21	19	99					
ANIKET KUMAR	TER / INT	28	28	29	28	29	28	170	22	19	21	23	20	105			8.90	7.08	PASSED & PROMOTED
	TOTAL	82	82	84	82	84	82	496	42	38	41	44	39	204	700	700			
	GRADE	A	A	A	A	A	A		A	B+	A	A	B+						
18030420012	FIN / EXT	54	42	46	49	53	49	293	18	19	20	20	19	96					
ANJALI MURMU	TER / INT	28	18	21	24	27	24	142	18	20	21	22	20	101			8.10	6.95	PASSED & PROMOTED
	TOTAL	82	60	67	73	80	73	435	36	39	41	42	39	197	632	632			
	GRADE	A	B	B	B+	A	B+		B+	B+	A	A	B+						
18030420013	FIN / EXT	57	55	52	53	56	56	329	21	21	22	22	20	106					
ANJALI SINGH	TER / INT	29	27	25	26	28	28	163	22	21	23	23	20	109			8.76	7.97	PASSED & PROMOTED
	TOTAL	86	82	77	79	84	84	492	43	42	45	45	40	215	707	707			
	GRADE	A	A	B+	B+	A	A		A	A	A+	A+	A						
18030420014	FIN / EXT	43	50	53	54	50	47	297	20	19	20	21	20	100					
ANKIT	TER / INT	20	26	28	29	26	23	152	22	19	21	23	21	106			8.38	7.59	PASSED & PROMOTED
	TOTAL	63	76	81	83	76	70	449	42	38	41	44	41	206	655	655			
	GRADE	B	B+	A	A	B+	B+		A	B+	A	A	A						
18030420015	FIN / EXT	53	50	53	54	53	53	316	21	20	21	21	20	103					
ANSHUMAN SINGH	TER / INT	28	26	28	29	28	28	167	21	20	21	22	20	104			8.86	7.58	PASSED & PROMOTED
	TOTAL	81	76	81	83	81	81	483	42	40	42	43	40	207	690	690			
	GRADE	A	B+	A	A	A	A		A	A	A	A	A						
18030420016	FIN / EXT	61	60	53	59	60	56	349	20	19	20	20	19	98					
ARUN KUMAR	TER / INT	30	29	23	28	29	26	165	22	20	21	22	19	104			8.90	7.95	PASSED & PROMOTED
	TOTAL	91	89	76	87	89	82	514	42	39	41	42	38	202	716	716			
	GRADE	A+	A	B+	A	A	A		A	B+	A	A	B+						
18030420017	FIN / EXT	55	55	49	53	55	53	320	19	20	20	21	20	100					
ARVIND BODRA	TER / INT	29	29	24	27	29	27	165	19	21	21	23	21	105			8.81	7.43	PASSED & PROMOTED
	TOTAL	84	84	73	80	84	80	485	38	41	41	44	41	205	690	690			
	GRADE	A	A	B+	A	A	A		B+	A	A	A	A						
18030420018	FIN / EXT	58	57	51	57	57	52	332	19	20	21	20	19	99					
AVINASH KUMAR	TER / INT	29	28	23	28	28	24	160	20	21	23	21	19	104			8.76	8.41	PASSED & PROMOTED
	TOTAL	87	85	74	85	85	76	492	39	41	44	41	38	203	695	695			
	GRADE	A	A	B+	A	A	B+		B+	A	A	A	B+						
18030420019	FIN / EXT	56	54	54	52	55	51	322	22	20	21	21	20	104					
AVITA BHARTI	TER / INT	29	27	27	26	28	25	162	23	19	21	22	20	105			8.81	7.54	PASSED & PROMOTED
	TOTAL	85	81	81	78	83	76	484	45	39	42	43	40	209	693	693			
	GRADE	A	A	A	B+	A	B+		A+	B+	A	A	A						
18030420020	FIN / EXT	57	56	54	56	55	54	332	20	20	21	22	20	103					
AYUSH RAJ MAJHI	TER / INT	30	29	27	29	28	27	170	19	19	21	23	19	101			8.90	8.04	PASSED & PROMOTED
	TOTAL	87	85	81	85	83	81	502	39	39	42	45	39	204	706	706			
	GRADE	A	A	A	A	A	A		B+	B+	A	A+	B+						

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		EC404	CHE401	CHE402	CHE403	CHE404	EN401	TOTAL THEORY	EC404P	CHE403P	CHE405P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	Course Credit Point																		
	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				
18030420021	FIN / EXT	60	58	58	59	61	59	355	20	22	22	22	21	107					
BINIT KUMAR GORAI	TER / INT	29	27	27	28	30	28	169	19	23	23	23	21	109			9.24	8.51	PASSED & PROMOTED
	TOTAL	89	85	85	87	91	87	524	39	45	45	45	42	216	740	740			
	GRADE	A	A	A	A	A+	A		B+	A+	A+	A+	A						
18030420022	FIN / EXT	54	54	50	55	57	54	324	19	22	21	22	20	104					
BISHNU MAHATO	TER / INT	27	27	24	28	30	27	163	18	23	21	24	20	106			8.90	7.81	PASSED & PROMOTED
	TOTAL	81	81	74	83	87	81	487	37	45	42	46	40	210	697	697			
	GRADE	A	A	B+	A	A	A		B+	A+	A	A+	A						
18030420023	FIN / EXT	48	49	48	48	48	42	283	18	18	19	20	18	93					
CHANCHAL SINGH	TER / INT	27	28	27	27	27	22	158	19	20	21	24	20	104			8.10	6.34	PASSED & PROMOTED
	TOTAL	75	77	75	75	75	64	441	37	38	40	44	38	197	638	638			
	GRADE	B+	B+	B+	B+	B+	B		B+	B+	A	A	B+						
18030420024	FIN / EXT	54	54	41	52	51	52	304	19	20	20	20	20	99					
CHANDAN HANSDAH	TER / INT	30	30	19	28	27	28	162	19	21	21	22	22	105			8.52	6.77	PASSED & PROMOTED
	TOTAL	84	84	60	80	78	80	466	38	41	41	42	42	204	670	670			
	GRADE	A	A	B	A	B+	A		B+	A	A	A	A						
18030420025	FIN / EXT	62	62	62	60	62	60	368	21	21	21	21	21	105					
CHITRA RANI JHA	TER / INT	30	30	30	28	30	28	176	21	22	22	22	22	109			9.57	8.86	PASSED & PROMOTED
	TOTAL	92	92	92	88	92	88	544	42	43	43	43	43	214	758	758			
	GRADE	A+	A+	A+	A	A+	A		A	A	A	A	A						
18030420026	FIN / EXT	60	62	56	61	62	60	361	22	21	22	23	22	110					
DIVYA RAJAN	TER / INT	28	30	25	29	30	28	170	22	19	21	23	22	107			9.52	8.74	PASSED & PROMOTED
	TOTAL	88	92	81	90	92	88	531	44	40	43	46	44	217	748	748			
	GRADE	A	A+	A	A+	A+	A		A	A	A	A+	A						
18030420027	FIN / EXT	56	51	53	54	55	54	323	20	20	20	21	19	100					
DIVYAS PURTY	TER / INT	30	26	27	28	29	28	168	21	21	21	24	19	106			8.86	7.60	PASSED & PROMOTED
	TOTAL	86	77	80	82	84	82	491	41	41	41	45	38	206	697	697			
	GRADE	A	B+	A	A	A	A		A	A	A	A+	B+						
18030420028	FIN / EXT	56	55	51	54	55	52	323	19	20	20	20	21	100					
GAUTAM KUMAR	TER / INT	29	28	25	27	28	26	163	20	21	22	22	23	108			8.81	7.54	PASSED & PROMOTED
	TOTAL	85	83	76	81	83	78	486	39	41	42	42	44	208	694	694			
	GRADE	A	A	B+	A	A	B+		B+	A	A	A	A						
18030420029	FIN / EXT	56	54	56	54	59	54	333	20	20	20	21	21	102					
HIMANSHU PANDEY	TER / INT	27	26	27	26	30	26	162	21	21	21	23	23	109			9.00	7.85	PASSED & PROMOTED
	TOTAL	83	80	83	80	89	80	495	41	41	41	44	44	211	706	706			
	GRADE	A	A	A	A	A	A		A	A	A	A	A						
18030420030	FIN / EXT	59	57	53	57	60	55	341	21	21	21	22	21	106					
INDRAJEET KUMAR SINGH	TER / INT	29	27	24	27	30	26	163	22	22	21	23	22	110			9.05	8.15	PASSED & PROMOTED
	TOTAL	88	84	77	84	90	81	504	43	43	42	45	43	216	720	720			
	GRADE	A	A	B+	A	A+	A		A	A	A	A+	A						

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90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	Course Credit Point																		
	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				
18030420031	FIN / EXT	51	47	47	50	49	46	290	19	19	20	20	20	98					
JENET HEMROM	TER / INT	29	26	26	28	27	25	161	20	19	21	21	22	103	652	652	8.29	7.16	PASSED & PROMOTED
	TOTAL	80	73	73	78	76	71	451	39	38	41	41	42	201					
	GRADE	A	B+	B+	B+	B+	B+		B+	B+	A	A	A						
18030420032	FIN / EXT	61	58	60	60	62	60	361	21	19	20	20	21	101					
KAVITA KUMARI	TER / INT	28	26	27	27	29	27	164	24	19	22	22	23	110	736	736	9.14	8.62	PASSED & PROMOTED
	TOTAL	89	84	87	87	91	87	525	45	38	42	42	44	211					
	GRADE	A	A	A	A	A+	A		A+	B+	A	A	A						
18030420033	FIN / EXT	62	62	61	63	64	61	373	21	20	21	21	19	102					
KESHU RANJAN	TER / INT	28	28	27	29	30	27	169	22	20	22	22	18	104	748	748	9.57	8.67	PASSED & PROMOTED
	TOTAL	90	90	88	92	94	88	542	43	40	43	43	37	206					
	GRADE	A+	A+	A	A+	A+	A		A	A	A	A	B+						
18030420034	FIN / EXT	61	61	59	60	62	60	363	20	23	21	21	22	107					
KUMAR AYUSH	TER / INT	29	29	27	28	30	28	171	19	25	21	21	23	109	750	750	9.48	8.63	PASSED & PROMOTED
	TOTAL	90	90	86	88	92	88	534	39	48	42	42	45	216					
	GRADE	A+	A+	A	A	A+	A		B+	A+	A	A	A+						
18030420035	FIN / EXT	57	57	57	57	58	56	342	20	21	21	22	20	104					
KUMAR KARAN	TER / INT	28	28	28	28	29	27	168	19	22	22	24	19	106	720	720	8.95	8.02	PASSED & PROMOTED
	TOTAL	85	85	85	85	87	83	510	39	43	43	46	39	210					
	GRADE	A	A	A	A	A	A		B+	A	A	A+	B+						
18030420036	FIN / EXT	55	56	54	54	53	54	326	21	21	21	22	20	105					
MANVENDU	TER / INT	29	30	28	28	27	28	170	21	21	22	23	20	107	708	708	9.05	7.64	PASSED & PROMOTED
	TOTAL	84	86	82	82	80	82	496	42	42	43	45	40	212					
	GRADE	A	A	A	A	A	A		A	A	A	A+	A						
18030420037	FIN / EXT	59	54	56	58	57	57	341	22	20	21	21	21	105					
MD SADIQUE IQBAL	TER / INT	30	26	27	29	28	28	168	23	20	21	22	21	107	721	721	9.05	8.23	PASSED & PROMOTED
	TOTAL	89	80	83	87	85	85	509	45	40	42	43	42	212					
	GRADE	A	A	A	A	A	A		A+	A	A	A	A						
18030420038	FIN / EXT	59	58	57	58	59	58	349	21	21	21	22	21	106					
MD SAQUIB SAUD ANSARI	TER / INT	29	28	27	28	29	28	169	22	21	22	23	21	109	733	733	9.05	8.19	PASSED & PROMOTED
	TOTAL	88	86	84	86	88	86	518	43	42	43	45	42	215					
	GRADE	A	A	A	A	A	A		A	A	A	A+	A						
18030420039	FIN / EXT	61	60	60	56	61	56	354	21	21	21	21	21	105					
MEGHA KUMARI	TER / INT	30	29	29	26	30	26	170	22	22	22	22	21	109	738	738	9.29	8.33	PASSED & PROMOTED
	TOTAL	91	89	89	82	91	82	524	43	43	43	43	42	214					
	GRADE	A+	A	A	A	A+	A		A	A	A	A	A						
18030420040	FIN / EXT	62	62	57	60	62	59	362	22	23	22	21	22	110					
MUSKAN SHAHIN	TER / INT	30	30	26	28	30	27	171	23	25	23	22	24	117	760	760	9.62	8.85	PASSED & PROMOTED
	TOTAL	92	92	83	88	92	86	533	45	48	45	43	46	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

Verifying Assistant

Verifying Officer

Controller of Examination

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

B.TECH 4TH SEMESTER IN CHEMICAL ENGINEERING EXAMINATION- 2020

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

Pages : 5 of 10

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	EC404	CHE401	CHE402	CHE403	CHE404	EN401	TOTAL THEORY	EC404P	CHE403P	CHE405P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point		3	3	3	4	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				
18030420041 NAVINETRA	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	59 29 88 A	59 29 88 A	58 28 86 A	58 28 86 A	57 27 84 A	350 170 520	22 24 46 A+	21 21 42 A	21 21 42 A	21 21 42 A	22 23 45 A+	107 110 217	737	737	9.10	8.13	PASSED & PROMOTED
18030420042 NEHA CHOUDHARY	FIN / EXT TER / INT TOTAL GRADE	62 30 92 A+	61 29 90 A+	54 23 77 B+	61 29 90 A+	62 30 92 A+	56 25 81 A	356 166 522	21 24 45 A+	19 19 38 B+	21 23 44 A	20 21 41 A	21 23 44 A	102 110 212	734	734	9.48	8.77	PASSED & PROMOTED
18030420043 NIKETAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	59 28 87 A	60 29 89 A	54 24 78 B+	60 29 89 A	60 29 89 A	55 25 80 A	348 164 512	20 22 42 A	19 20 39 B+	21 23 44 A	20 21 41 A	21 23 44 A	101 109 210	722	722	8.81	8.27	PASSED & PROMOTED
18030420044 NIKHIL KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	61 30 91 A+	59 28 87 A	58 27 85 A	61 30 91 A+	56 26 82 A	356 171 527	20 20 40 A	21 21 42 A	21 21 42 A	22 23 45 A+	22 23 45 A+	106 108 214	741	741	9.52	8.46	PASSED & PROMOTED
18030420045 NISCHAL TOPNO	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	55 28 83 A	47 21 68 B	54 27 81 A	55 28 83 A	55 28 83 A	323 162 485	21 22 43 A	22 23 45 A+	21 21 42 A	21 22 43 A	22 23 45 A+	107 111 218	703	703	8.81	7.58	PASSED & PROMOTED
18030420046 NISHU KUMARI	FIN / EXT TER / INT TOTAL GRADE	59 28 87 A	58 27 85 A	59 28 87 A	59 28 87 A	61 30 91 A+	58 27 85 A	354 168 522	22 24 46 A+	20 19 39 B+	21 21 42 A	21 22 43 A	22 23 45 A+	106 109 215	737	737	9.19	8.75	PASSED & PROMOTED
18030420047 PAYAL MISHRA	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	61 30 91 A+	59 28 87 A	58 27 85 A	60 29 89 A	56 26 82 A	355 170 525	22 23 45 A+	20 20 40 A	21 22 43 A	21 22 43 A	22 24 46 A+	106 111 217	742	742	9.38	8.87	PASSED & PROMOTED
18030420048 PREM PRAKASH	FIN / EXT TER / INT TOTAL GRADE	55 27 82 A	55 27 82 A	49 22 71 B+	56 28 84 A	55 27 82 A	53 26 79 B+	323 157 480	19 19 38 B+	19 20 39 B+	20 21 41 A	20 21 41 A	20 21 41 A	98 102 200	680	680	8.76	7.82	PASSED & PROMOTED
18030420049 PUSHP RAJ	FIN / EXT TER / INT TOTAL GRADE	57 28 85 A	56 27 83 A	53 25 78 B+	58 29 87 A	57 28 85 A	56 27 83 A	337 164 501	20 22 42 A	19 20 39 B+	20 21 41 A	20 22 42 A	21 23 44 A	100 108 208	709	709	8.81	8.37	PASSED & PROMOTED
18030420050 RAHUL KUMAR	FIN / EXT TER / INT TOTAL GRADE	57 27 84 A	59 29 88 A	55 26 81 A	57 27 84 A	60 30 90 A+	58 28 86 A	346 167 513	20 21 41 A	19 20 39 B+	20 22 42 A	21 23 44 A	21 23 44 A	101 109 210	723	723	9.10	8.45	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 4TH SEMESTER IN CHEMICAL ENGINEERING EXAMINATION- 2020

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

Pages : 6 of 10

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	EC404	CHE401	CHE402	CHE403	CHE404	EN401	TOTAL THEORY	EC404P	CHE403P	CHE405P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Full Marks - Final / Ext.		3	3	3	4	3	0	16	1	1	1	1	1	5	21				
Full Marks - Ter. / Int.		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Subject Total		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Pass Marks - Fin. Ext.		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Subject		21	21	21	21	21	21	-	-	-	-	-	-	-	-	-			
		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030420051 RAHUL KUMAR	FIN / EXT TER / INT TOTAL GRADE	58 27 85 A	56 26 82 A	60 29 89 A	59 28 87 A	60 29 89 A	59 28 87 A	352 167 519	20 19 39 B+	20 20 40 A	21 22 43 A	21 21 42 A	22 23 45 A+	104 105 209	728	728	9.00	8.45	PASSED & PROMOTED
18030420052 RAJAT PAUL MINJ	FIN / EXT TER / INT TOTAL GRADE	47 28 75 B+	40 22 62 B	42 24 66 B	43 25 68 B	46 27 73 B+	39 21 60 B	257 147 404	20 22 42 A	19 19 38 B+	20 21 41 A	21 23 44 A	20 21 41 A	100 106 206	610	610	7.71	6.22	PASSED & PROMOTED
18030420053 RAJEEV KUMAR HANSDA	FIN / EXT TER / INT TOTAL GRADE	46 24 70 B+	44 22 66 B	44 22 66 B	45 23 68 B	51 28 79 B+	45 23 68 B	275 142 417	18 19 37 B+	18 20 38 B+	19 21 40 A	19 21 40 A	19 21 40 A	93 102 195	612	612	7.67	6.51	PASSED & PROMOTED
18030420054 RAVI SHANKAR MAJHI	FIN / EXT TER / INT TOTAL GRADE	49 28 77 B+	44 24 68 B	41 21 62 B	48 27 75 B+	42 22 64 B	43 23 66 B	267 145 412	20 21 41 A	19 20 39 B+	20 21 41 A	21 23 44 A	20 21 41 A	100 106 206	618	618	7.76	6.65	PASSED & PROMOTED
18030420055 RICHA KUMARI	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	59 30 89 A	53 25 78 B+	58 29 87 A	57 28 85 A	57 28 85 A	342 169 511	22 23 45 A+	20 19 39 B+	21 22 43 A	22 23 45 A+	22 23 45 A+	107 110 217	728	728	8.95	8.44	PASSED & PROMOTED
18030420056 RISHAV RAJ	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	56 29 85 A	56 29 85 A	55 28 83 A	54 27 81 A	54 27 81 A	332 170 502	21 23 44 A	21 23 44 A	21 23 44 A	21 23 44 A	20 21 41 A	104 113 217	719	719	9.00	7.77	PASSED & PROMOTED
18030420057 ROHIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	41 23 64 B	44 26 70 B+	46 27 73 B+	48 29 77 B+	46 27 73 B+	47 28 75 B+	272 160 432	18 20 38 B+	18 20 38 B+	19 22 41 A	20 23 43 A	17 18 35 B+	92 103 195	627	627	7.95	5.69	PASSED & PROMOTED
18030420058 ROSLIN SHIROMANI MINZ	FIN / EXT TER / INT TOTAL GRADE	51 29 80 A	51 29 80 A	44 23 67 B	45 24 69 B	50 28 78 B+	45 24 69 B	286 157 443	21 23 44 A	19 20 39 B+	20 21 41 A	21 23 44 A	19 19 38 B+	100 106 206	649	649	8.10	6.78	PASSED & PROMOTED
18030420059 ROUNAK GUPTA	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	60 29 89 A	58 27 85 A	58 27 85 A	61 30 91 A+	58 27 85 A	356 170 526	21 23 44 A	21 23 44 A	20 21 41 A	20 21 41 A	21 23 44 A	103 111 214	740	740	9.29	8.77	PASSED & PROMOTED
18030420060 ROUSHAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	56 29 85 A	51 25 76 B+	56 29 85 A	55 28 83 A	55 28 83 A	330 169 499	19 20 39 B+	19 20 39 B+	20 22 42 A	21 24 45 A+	19 19 38 B+	98 105 203	702	702	8.76	7.93	PASSED & PROMOTED

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Pages : 7 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		EC404	CHE401	CHE402	CHE403	CHE404	EN401	TOTAL THEORY	EC404P	CHE403P	CHE405P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	Course Credit Point																		
	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				
18030420061	FIN / EXT	55	53	47	50	54	46	305	18	18	18	20	19	93					
	TER / INT	30	28	23	26	29	22	158	19	20	20	24	22	105					
	TOTAL	85	81	70	76	83	68	463	37	38	38	44	41	198	661	661	8.52	7.78	PASSED & PROMOTED
	GRADE	A	A	B+	B+	A	B		B+	B+	B+	A	A						
18030420062	FIN / EXT	55	55	48	55	56	52	321	20	19	20	21	19	99					
	TER / INT	27	27	21	27	28	25	155	22	20	21	24	20	107					
	TOTAL	82	82	69	82	84	77	476	42	39	41	45	39	206	682	682	8.67	7.61	PASSED & PROMOTED
	GRADE	A	A	B	A	A	B+		A	B+	A	A+	B+						
18030420063	FIN / EXT	54	51	47	54	50	49	305	21	19	20	21	20	101					
	TER / INT	28	26	22	28	25	24	153	23	20	22	23	21	109					
	TOTAL	82	77	69	82	75	73	458	44	39	42	44	41	210	668	668	8.38	7.54	PASSED & PROMOTED
	GRADE	A	B+	B	A	B+	B+		A	B+	A	A	A						
18030420065	FIN / EXT	47	46	41	49	51	51	285	20	21	21	21	21	104					
	TER / INT	24	23	19	26	27	27	146	21	23	23	24	23	114					
	TOTAL	71	69	60	75	78	78	431	41	44	44	45	44	218	649	649	8.00	7.07	PASSED & PROMOTED
	GRADE	B+	B	B	B+	B+	B+		A	A	A	A+	A						
18030420066	FIN / EXT	55	55	49	52	49	53	313	20	21	20	21	20	102					
	TER / INT	30	30	25	27	25	28	165	22	23	21	23	22	111					
	TOTAL	85	85	74	79	74	81	478	42	44	41	44	42	213	691	691	8.52	7.66	PASSED & PROMOTED
	GRADE	A	A	B+	B+	B+	A		A	A	A	A	A						
18030420067	FIN / EXT	58	52	53	53	57	54	327	20	21	20	20	19	100					
	TER / INT	28	23	24	24	27	25	151	22	23	21	22	19	107					
	TOTAL	86	75	77	77	84	79	478	42	44	41	42	38	207	685	685	8.48	8.10	PASSED & PROMOTED
	GRADE	A	B+	B+	B+	A	B+		A	A	A	A	B+						
18030420068	FIN / EXT	61	56	55	60	55	58	345	22	22	21	22	22	109					
	TER / INT	30	26	25	29	25	27	162	23	23	21	24	23	114					
	TOTAL	91	82	80	89	80	85	507	45	45	42	46	45	223	730	730	9.33	8.80	PASSED & PROMOTED
	GRADE	A+	A	A	A	A	A		A+	A+	A	A+	A+						
18030420069	FIN / EXT	58	57	58	58	57	57	345	22	22	21	22	22	109					
	TER / INT	29	28	29	29	28	28	171	24	23	21	23	23	114					
	TOTAL	87	85	87	87	85	85	516	46	45	42	45	45	223	739	739	9.19	8.62	PASSED & PROMOTED
	GRADE	A	A	A	A	A	A		A+	A+	A	A+	A+						
18030420070	FIN / EXT	50	56	51	49	51	53	310	19	21	21	20	20	101					
	TER / INT	23	28	24	22	24	26	147	20	23	23	21	21	108					
	TOTAL	73	84	75	71	75	79	457	39	44	44	41	41	209	666	666	8.33	8.01	PASSED & PROMOTED
	GRADE	B+	A	B+	B+	B+	B+		B+	A	A	A	A						
18030420071	FIN / EXT	60	59	59	57	59	58	352	21	21	22	21	22	107					
	TER / INT	30	29	29	27	29	28	172	22	22	23	21	23	111					
	TOTAL	90	88	88	84	88	86	524	43	43	45	42	45	218	742	742	9.24	8.63	PASSED & PROMOTED
	GRADE	A+	A	A	A	A	A		A	A	A+	A	A+						

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Pages : 8 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC404	CHE401	CHE402	CHE403	CHE404	EN401	TOTAL THEORY	EC404P	CHE403P	CHE405P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	Course Credit Point																		
	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				
18030420072	FIN / EXT	55	59	56	60	58	58	346	22	21	22	21	22	108					
SHUBHAM KUMAR	TER / INT	25	28	26	29	27	27	162	24	22	23	21	23	113			9.14	8.82	PASSED & PROMOTED
	TOTAL	80	87	82	89	85	85	508	46	43	45	42	45	221	729	729			
	GRADE	A	A	A	A	A	A		A+	A	A+	A	A+						
18030420073	FIN / EXT	47	43	44	47	48	44	273	19	20	20	19	17	95					
SHUBHAM KUMAR SINGH	TER / INT	27	24	25	27	28	25	156	21	23	23	22	18	107			7.90	6.17	PASSED & PROMOTED
	TOTAL	74	67	69	74	76	69	429	40	43	43	41	35	202	631	631			
	GRADE	B+	B	B	B+	B+	B		A	A	A	A	B+						
18030420074	FIN / EXT	60	58	55	58	56	59	346	22	22	21	21	22	108					
SHUBHAM SAHU	TER / INT	29	27	25	27	26	28	162	24	23	22	22	23	114			9.14	8.62	PASSED & PROMOTED
	TOTAL	89	85	80	85	82	87	508	46	45	43	43	45	222	730	730			
	GRADE	A	A	A	A	A	A		A+	A+	A	A	A+						
18030420075	FIN / EXT	59	59	54	57	59	57	345	23	22	21	21	22	109					
SNEHA KUMARI	TER / INT	30	30	26	28	30	28	172	25	23	21	21	23	113			9.14	8.34	PASSED & PROMOTED
	TOTAL	89	89	80	85	89	85	517	48	45	42	42	45	222	739	739			
	GRADE	A	A	A	A	A	A		A+	A+	A	A	A+						
18030420076	FIN / EXT	58	57	52	57	58	57	339	22	22	21	22	21	108					
SOMYA KUMARI	TER / INT	30	29	25	29	30	29	172	24	23	21	23	21	112			9.00	8.09	PASSED & PROMOTED
	TOTAL	88	86	77	86	88	86	511	46	45	42	45	42	220	731	731			
	GRADE	A	A	B+	A	A	A		A+	A+	A	A+	A						
18030420077	FIN / EXT	62	62	61	61	62	60	368	23	23	22	23	23	114					
SONAL AGARWAL	TER / INT	30	30	29	29	30	28	176	23	23	21	23	23	113			9.95	8.89	PASSED & PROMOTED
	TOTAL	92	92	90	90	92	88	544	46	46	43	46	46	227	771	771			
	GRADE	A+	A+	A+	A+	A+	A		A+	A+	A	A+	A+						
18030420079	FIN / EXT	32	28	33	32	28	30	183	19	19	19	19	18	94					
SOUKAT ANSARI	TER / INT	17	14	18	17	14	15	95	21	22	21	22	19	105			6.05	4.91	PASSED & PROMOTED
	TOTAL	49	42	51	49	42	45	278	40	41	40	41	37	199	477	477			
	GRADE	C	C	C+	C	C	C		A	A	A	A	B+						
18030420080	FIN / EXT	53	49	47	54	52	48	303	19	21	20	20	21	101					
SRIJAL SOREN	TER / INT	28	25	23	29	27	24	156	20	23	22	22	23	110			8.52	7.57	PASSED & PROMOTED
	TOTAL	81	74	70	83	79	72	459	39	44	42	42	44	211	670	670			
	GRADE	A	B+	B+	A	B+	B+		B+	A	A	A	A						
18030420081	FIN / EXT	44	45	46	47	44	46	272	20	21	20	21	19	101					
SUBHASIS NANDA	TER / INT	23	24	25	26	23	25	146	22	23	21	24	19	109			7.81	6.95	PASSED & PROMOTED
	TOTAL	67	69	71	73	67	71	418	42	44	41	45	38	210	628	628			
	GRADE	B	B	B+	B+	B	B+		A	A	A	A+	B+						
18030420082	FIN / EXT	59	58	51	57	56	54	335	22	22	21	21	22	108					
SUMEET VISHWAKARMA	TER / INT	30	29	23	28	27	26	163	23	23	21	21	23	111			9.00	8.14	PASSED & PROMOTED
	TOTAL	89	87	74	85	83	80	498	45	45	42	42	45	219	717	717			
	GRADE	A	A	B+	A	A	A		A+	A+	A	A	A+						

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Full Marks - Final / Ext.		3	3	3	4	3	0	16	1	1	1	1	1	5	21				
Full Marks - Ter. / Int.		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Subject Total		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Pass Marks - Fin. Ext.		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Subject		21	21	21	21	21	21	-	-	-	-	-	-						
		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030420083 SUPRIYA KUMARI	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	61 30 91 A+	58 27 85 A	59 28 87 A	60 29 89 A	59 28 87 A	358 172 530	21 22 43 A	20 20 40 A	21 21 42 A	21 22 43 A	22 23 45 A+	105 108 213	743	743	9.33	8.58	PASSED & PROMOTED
18030420084 SURAJ KUMAR	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	52 28 80 A	45 22 67 B	53 29 82 A	51 27 78 B+	49 26 75 B+	303 161 464	20 22 42 A	19 20 39 B+	20 21 41 A	21 24 45 A+	19 19 38 B+	99 106 205	669	669	8.52	7.37	PASSED & PROMOTED
18030420085 SWARNENDU BANERJEE	FIN / EXT TER / INT TOTAL GRADE	56 30 86 A	56 30 86 A	54 28 82 A	54 28 82 A	55 29 84 A	54 28 82 A	329 173 502	21 23 44 A	19 20 39 B+	20 21 41 A	20 21 41 A	18 18 36 B+	98 103 201	703	703	8.90	7.44	PASSED & PROMOTED
18030420086 SWATI KUMARI SINGH	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	59 29 88 A	58 28 86 A	57 27 84 A	60 30 90 A+	57 27 84 A	351 171 522	21 24 45 A+	21 23 44 A	20 21 41 A	21 24 45 A+	21 23 44 A	104 115 219	741	741	9.38	8.45	PASSED & PROMOTED
18030420087 SWETA SIPRA	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	62 29 91 A+	58 26 84 A	62 29 91 A+	60 27 87 A	61 28 89 A	366 169 535	21 22 43 A	20 20 40 A	21 22 43 A	21 21 42 A	21 21 42 A	104 106 210	745	745	9.48	8.98	PASSED & PROMOTED
18030420088 TRILOKY BARIK	FIN / EXT TER / INT TOTAL GRADE	55 28 83 A	54 27 81 A	54 27 81 A	56 29 85 A	55 28 83 A	52 26 78 B+	326 165 491	21 23 44 A	21 23 44 A	20 21 41 A	21 23 44 A	18 18 36 B+	101 108 209	700	700	8.95	8.26	PASSED & PROMOTED
18030420089 VANDANA SHARMA	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	63 30 93 A+	61 28 89 A	62 29 91 A+	63 30 93 A+	58 26 84 A	370 173 543	23 23 46 A+	23 23 46 A+	23 23 46 A+	22 22 44 A	22 21 43 A	113 112 225	768	768	9.76	9.32	PASSED & PROMOTED
18030420090 VARSHA AGARWAL	FIN / EXT TER / INT TOTAL GRADE	65 30 95 A+	65 30 95 A+	63 28 91 A+	63 28 91 A+	65 30 95 A+	62 27 89 A	383 173 556	22 24 46 A+	20 20 40 A	22 23 45 A+	21 22 43 A	21 21 42 A	106 110 216	772	772	9.86	9.25	PASSED & PROMOTED
18030420091 VINEET CHANDRA GOKHALE	FIN / EXT TER / INT TOTAL GRADE	55 28 83 A	52 26 78 B+	55 28 83 A	54 27 81 A	55 28 83 A	52 26 78 B+	323 163 486	20 22 42 A	19 20 39 B+	20 22 42 A	21 23 44 A	21 23 44 A	101 110 211	697	697	8.81	8.03	PASSED & PROMOTED
18030420092 VINSENT PRAFUL KHALKHO	FIN / EXT TER / INT TOTAL GRADE	43 24 67 B	42 23 65 B	45 26 71 B+	43 24 67 B	41 22 63 B	41 22 63 B	255 141 396	20 23 43 A	18 20 38 B+	19 21 40 A	20 24 44 A	19 21 40 A	96 109 205	601	601	7.57	6.26	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

(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 4TH SEMESTER IN CHEMICAL ENGINEERING EXAMINATION- 2020

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

Pages : 10 of 10

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC404	CHE401	CHE402	CHE403	CHE404	EN401	TOTAL THEORY	EC404P	CHE403P	CHE405P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
90% \geq A+ 80% - 89% A 70% - 79% B+ 60% - 69% B 50% - 59% C+ 35% - 49% C <35% F	Course Credit Point																		
	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				
18030420093 VIVEK KUMAR BARNWAL	FIN / EXT TER / INT TOTAL GRADE	53 25 78 B+	59 30 89 A	54 26 80 A	56 27 83 A	56 27 83 A	57 28 85 A	335 163 498	21 23 44 A	21 23 44 A	20 21 41 A	20 22 42 A	20 21 41 A	102 110 212	710	710	8.86	8.20	PASSED & PROMOTED
18030420094 VIVEK KUMAR GUPTA	FIN / EXT TER / INT TOTAL GRADE	59 30 89 A	59 30 89 A	56 27 83 A	57 28 85 A	58 29 87 A	343 170 513	20 21 41 A	19 19 38 B+	20 21 41 A	20 21 41 A	20 23 44 A	21 23 44 A	100 105 205	718	718	8.95	7.97	PASSED & PROMOTED
18030420095 RAHUL KUMAR RAJAK	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	53 29 82 A	51 27 78 B+	52 28 80 A	51 27 78 B+	48 25 73 B+	308 165 473	22 23 45 A+	20 20 40 A	21 22 43 A	21 21 42 A	21 21 42 A	105 107 212	685	685	8.76	7.57	PASSED & PROMOTED
18030425001 MANISH KUMAR PANDIT	FIN / EXT TER / INT TOTAL GRADE	44 26 70 B+	44 26 70 B+	41 23 64 B	46 27 73 B+	40 22 62 B	42 24 66 B	257 148 405	20 23 43 A	17 17 34 B	19 21 40 A	20 23 43 A	17 17 34 B	93 101 194	599	599	7.76	6.14	PASSED & PROMOTED
18030425002 RANJANA KUMARI	FIN / EXT TER / INT TOTAL GRADE	42 25 67 B	43 26 69 B	31 15 46 C	38 21 59 C+	34 18 52 C+	33 17 50 C+	221 122 343	18 20 38 B+	19 22 41 A	19 22 41 A	19 22 41 A	18 19 37 B+	93 105 198	541	541	6.76	5.62	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 4TH SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION-2020

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

Pages : 1 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	CS401	CS402	CS403	BSC401	IT401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030440001 ABHISHEK HEMBROM	FIN / EXT							52	51	46	51	51	51	302	19	20	17	21	20	97					
	TER / INT							29	28	24	28	28	28	165	20	22	16	23	21	102	666	666	8.29	7.10	PASSED & PROMOTED
	TOTAL							81	79	70	79	79	79	467	39	42	33	44	41	199					
	GRADE							A	B+	B+	B+	B+	B+	B+	B+	A	B	A	A	A					
18030440002 ADHYA KUMARI	FIN / EXT							61	59	59	56	61	61	357	23	23	21	23	23	113					
	TER / INT							30	28	28	26	30	30	172	24	24	20	23	24	115	757	757	9.52	8.95	PASSED & PROMOTED
	TOTAL							91	87	87	82	91	91	529	47	47	41	46	47	228					
	GRADE							A+	A	A	A	A+	A+	A+	A+	A+	A	A+	A+	A+					
18030440003 ALVIKA BHUSHAN	FIN / EXT							63	62	62	63	63	63	376	21	22	21	21	22	107					
	TER / INT							30	29	29	30	30	30	178	21	24	21	21	24	111	772	772	9.86	8.96	PASSED & PROMOTED
	TOTAL							93	91	91	93	93	93	554	42	46	42	42	46	218					
	GRADE							A+	A+	A+	A+	A+	A+	A+	A	A+	A	A	A+	A+					
18030440004 ANAM BRIJIA	FIN / EXT							45	45	42	41	47	46	266	18	19	16	19	19	91					
	TER / INT							28	28	26	25	30	29	166	19	22	16	21	22	100	623	623	7.86	5.48	PASSED & PROMOTED
	TOTAL							73	73	68	66	77	75	432	37	41	32	40	41	191					
	GRADE							B+	B+	B	B	B+	B+	B+	B+	A	B	A	A	A					
18030440005 B JAGDISH REDDY	FIN / EXT							60	60	61	61	60	56	358	19	21	19	21	20	100					
	TER / INT							28	28	29	29	28	25	167	19	24	20	23	22	108	733	733	9.24	8.66	PASSED & PROMOTED
	TOTAL							88	88	90	90	88	81	525	38	45	39	44	42	208					
	GRADE							A	A	A+	A+	A	A	B+	B+	A+	B+	A	A	A					
18030440006 CHANDAN KUMAR	FIN / EXT							63	61	60	55	60	58	357	20	21	19	22	20	102					
	TER / INT							30	28	27	23	27	26	161	20	21	17	23	19	100	720	720	8.90	8.76	PASSED & PROMOTED
	TOTAL							93	89	87	78	87	84	518	40	42	36	45	39	202					
	GRADE							A+	A	A	B+	A	A	A	A	A	B+	A+	B+	A					
18030440007 DEEPAK KUMAR	FIN / EXT							58	57	51	50	59	58	333	21	21	18	21	20	101					
	TER / INT							29	28	23	22	30	29	161	23	24	17	23	21	108	703	703	8.71	7.99	PASSED & PROMOTED
	TOTAL							87	85	74	72	89	87	494	44	45	35	44	41	209					
	GRADE							A	A	B+	B+	A	A	A	A	A+	B+	A	A	A					
18030440008 DHARMVEER BHARTI	FIN / EXT							65	63	65	65	65	64	387	23	24	24	24	25	120					
	TER / INT							30	28	30	30	30	29	177	22	24	23	23	25	117	801	801	10.00	9.06	PASSED & PROMOTED
	TOTAL							95	91	95	95	95	93	564	45	48	47	47	50	237					
	GRADE							A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+					
18030440009 GAURAV KUMAR PANDIT	FIN / EXT							52	54	42	52	56	51	307	19	20	18	21	19	97					
	TER / INT							26	27	17	26	29	25	150	20	22	17	23	20	102	656	656	8.10	7.73	PASSED & PROMOTED
	TOTAL							78	81	59	78	85	76	457	39	42	35	44	39	199					
	GRADE							B+	A	C+	B+	A	B+	B+	B+	A	B+	A	B+	A					
18030440010 JYOTISH RANJAN	FIN / EXT							62	60	61	61	61	60	365	21	22	21	22	21	107					
	TER / INT							30	28	29	29	29	28	173	22	24	22	23	21	112	757	757	9.67	8.97	PASSED & PROMOTED
	TOTAL							92	88	90	90	90	88	538	43	46	43	45	42	219					
	GRADE							A+	A	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 4TH SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION-2020

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

Pages : 2 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	CS401	CS402	CS403	BSC401	IT401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030440011 KUMARI PRIYA	FIN / EXT TER / INT TOTAL GRADE	65 30 95 A+	63 28 91 A+	55 21 76 B+	65 30 95 A+	65 30 95 A+	65 30 95 A+	63 28 91 A+	376 167 543	23 23 46 A+	23 23 46 A+	21 20 41 A	22 22 44 A	23 23 46 A+	112 111 223	766	766	9.62	9.27	PASSED & PROMOTED					
18030440012 MANISH KUMAR YADAV	FIN / EXT TER / INT TOTAL GRADE	65 30 95 A+	63 28 91 A+	57 23 80 A	65 30 95 A+	65 30 95 A+	65 30 95 A+	65 30 95 A+	380 171 551	20 19 39 B+	22 23 45 A+	20 20 40 A	21 22 43 A	21 22 43 A	104 106 210	761	761	9.57	9.20	PASSED & PROMOTED					
18030440013 MANNU KUMAR GADDHYAN	FIN / EXT TER / INT TOTAL GRADE	53 24 77 B+	55 26 81 A	54 25 79 B+	57 27 84 A	57 27 84 A	57 27 84 A	58 28 86 A	334 157 491	21 21 42 A	22 24 46 A+	21 21 42 A	21 22 43 A	20 20 40 A	105 108 213	704	704	8.76	8.12	PASSED & PROMOTED					
18030440015 MAUSMI SINDHU BURIJULY	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	55 28 83 A	47 21 68 B	51 25 76 B+	57 30 87 A	57 30 87 A	56 29 85 A	323 163 486	20 20 40 A	21 22 43 A	20 20 40 A	21 21 42 A	21 22 43 A	103 105 208	694	694	8.57	7.84	PASSED & PROMOTED					
18030440016 NAVEEN PRASAD GUPTA	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	58 26 84 A	56 24 80 A	63 30 93 A+	58 26 84 A	58 26 84 A	58 26 84 A	356 162 518	19 19 38 B+	20 22 42 A	18 17 35 B+	21 23 44 A	20 22 42 A	98 103 201	719	719	9.19	8.57	PASSED & PROMOTED					
18030440017 NILOUFAR PARVIN	FIN / EXT TER / INT TOTAL GRADE	60 28 88 A	57 26 83 A	56 25 81 A	57 26 83 A	62 30 92 A+	61 29 90 A+	61 29 90 A+	353 164 517	20 19 39 B+	21 22 43 A	19 17 36 B+	22 23 45 A+	22 24 46 A+	104 105 209	726	726	9.19	8.41	PASSED & PROMOTED					
18030440018 PRASHANT KUMAR	FIN / EXT TER / INT TOTAL GRADE	63 29 92 A+	62 28 90 A+	59 26 85 A	63 29 92 A+	64 30 94 A+	63 29 92 A+	63 29 92 A+	374 171 545	20 20 40 A	22 24 46 A+	20 20 40 A	22 23 45 A+	21 21 42 A	105 108 213	758	758	9.67	8.78	PASSED & PROMOTED					
18030440019 PRIYANKA BHARTI	FIN / EXT TER / INT TOTAL GRADE	64 30 94 A+	62 28 90 A+	63 29 92 A+	59 26 85 A	64 30 94 A+	64 29 92 A+	63 29 92 A+	375 172 547	21 21 42 A	22 23 45 A+	21 21 42 A	22 23 45 A+	21 22 43 A	107 110 217	764	764	9.67	9.27	PASSED & PROMOTED					
18030440020 RAGINI KUMARI ORAON	FIN / EXT TER / INT TOTAL GRADE	64 30 94 A+	62 28 90 A+	63 29 92 A+	55 22 77 B+	64 30 94 A+	64 30 94 A+	64 30 94 A+	372 169 541	20 19 39 B+	22 24 46 A+	20 20 40 A	21 22 43 A	22 23 45 A+	105 108 213	754	754	9.52	9.04	PASSED & PROMOTED					
18030440021 RAHUL KUMAR	FIN / EXT TER / INT TOTAL GRADE	56 25 81 A	62 30 92 A+	55 24 79 B+	55 24 79 B+	60 28 88 A	60 28 88 A	60 28 88 A	348 159 507	19 20 39 B+	21 24 45 A+	20 21 41 A	20 22 42 A	19 19 38 B+	99 106 205	712	712	8.76	8.03	PASSED & PROMOTED					

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

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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	CS401	CS402	CS403	BSC401	IT401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030440022 RAHUL KUMAR SAW	FIN / EXT							56	55	52	52	60	61	336	20	21	20	22	21	104					
	TER / INT							26	25	22	22	29	30	154	19	22	20	23	21	105	699	699	8.71	8.39	PASSED & PROMOTED
	TOTAL							82	80	74	74	89	91	490	39	43	40	45	42	209					
	GRADE							A	A	B+	B+	A	A+		B+	A	A	A+	A						
18030440023 RAHUL PRABHAKAR	FIN / EXT							61	59	56	61	61	60	358	22	22	19	22	22	107					
	TER / INT							30	28	26	30	30	29	173	23	23	18	23	23	110	748	748	9.62	8.72	PASSED & PROMOTED
	TOTAL							91	87	82	91	91	89	531	45	45	37	45	45	217					
	GRADE							A+	A	A	A+	A+	A		A+	A+	B+	A+	A+						
18030440024 RASHMI SETH	FIN / EXT							65	63	64	65	65	64	386	23	23	21	23	22	112					
	TER / INT							30	28	29	30	30	29	176	24	23	20	23	22	112	786	786	9.86	9.10	PASSED & PROMOTED
	TOTAL							95	91	93	95	95	93	562	47	46	41	46	44	224					
	GRADE							A+	A+	A+	A+	A+	A+		A+	A+	A	A+	A						
18030440025 RAVI SHANKAR	FIN / EXT							57	56	57	57	58	57	342	20	22	20	21	22	105					
	TER / INT							29	28	29	29	30	29	174	19	23	20	22	23	107	728	728	9.10	8.23	PASSED & PROMOTED
	TOTAL							86	84	86	86	88	86	516	39	45	40	43	45	212					
	GRADE							A	A	A	A	A	A		B+	A+	A	A	A+						
18030440026 SAPAN RAVIDAS	FIN / EXT							59	57	57	59	59	57	348	20	21	19	22	22	104					
	TER / INT							30	28	28	30	30	28	174	20	22	18	23	24	107	733	733	9.10	8.47	PASSED & PROMOTED
	TOTAL							89	85	85	89	89	85	522	40	43	37	45	46	211					
	GRADE							A	A	A	A	A	A		A	A	B+	A+	A+						
18030440027 SHALU RANI	FIN / EXT							61	60	57	61	62	62	363	22	23	21	23	23	112					
	TER / INT							29	28	26	29	30	30	172	21	24	20	23	23	111	758	758	9.62	9.08	PASSED & PROMOTED
	TOTAL							90	88	83	90	92	92	535	43	47	41	46	46	223					
	GRADE							A+	A	A	A+	A+	A+		A	A+	A	A+	A+						
18030440028 SHATAKCHHI ANUJ	FIN / EXT							63	61	58	63	63	63	371	20	21	21	22	22	106					
	TER / INT							30	28	26	30	30	30	174	19	22	21	23	23	108	759	759	9.52	8.79	PASSED & PROMOTED
	TOTAL							93	89	84	93	93	93	545	39	43	42	45	45	214					
	GRADE							A+	A	A	A+	A+	A+		B+	A	A	A+	A+						
18030440029 SHIMLEE GHOSH	FIN / EXT							59	58	59	59	60	60	355	20	22	21	21	21	105					
	TER / INT							29	28	29	29	30	30	175	19	23	21	21	22	106	741	741	9.14	8.49	PASSED & PROMOTED
	TOTAL							88	86	88	88	90	90	530	39	45	42	42	43	211					
	GRADE							A	A	A	A	A+	A+		B+	A+	A	A	A						
18030440030 SHREYA KUMARI	FIN / EXT							57	55	56	57	57	57	339	21	21	19	22	22	105					
	TER / INT							30	28	29	30	30	30	177	21	22	17	23	23	106	727	727	9.10	7.78	PASSED & PROMOTED
	TOTAL							87	83	85	87	87	87	516	42	43	36	45	45	211					
	GRADE							A	A	A	A	A	A		A	A	B+	A+	A+						
18030440031 SHYAM KUMAR SINGH	FIN / EXT							56	59	56	60	59	60	350	21	22	18	22	22	105					
	TER / INT							26	28	26	29	28	29	166	22	23	16	23	23	107	728	728	9.10	8.33	PASSED & PROMOTED
	TOTAL							82	87	82	89	87	89	516	43	45	34	45	45	212					
	GRADE							A	A	A	A	A	A		A	A+	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.

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

B.TECH 4TH SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION-2020

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

Pages : 4 of 5

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	CS401	CS402	CS403	BSC401	IT401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030440032 SONU MAJHI	FIN / EXT TER / INT TOTAL GRADE	51 29 80 A	50 28 78 B+	49 27 76 B+	51 29 80 A	49 27 76 B+		51 29 80 A	301 169 470 B+	19 22 38 A	20 22 42 A	17 16 33 B	20 22 42 A	19 20 39 B+	95 99 194 A					664 664 664 8.33			6.64	PASSED & PROMOTED	
18030440034 SUMANTI MINZ	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	54 27 81 A	56 29 85 A	50 24 74 B+	57 30 87 A		55 28 83 A	329 168 497 A	21 22 43 A	21 22 43 A	20 20 40 A	21 22 43 A	21 22 43 A	104 108 212 A					709 709 709 8.86			8.31	PASSED & PROMOTED	
18030440035 SURAJ KACHHAP	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	56 28 84 A	51 24 75 B+	57 29 86 A	58 30 88 A		58 30 88 A	337 170 507 B+	20 19 39 B+	22 23 45 A+	19 18 37 B+	21 22 43 A	23 25 48 A+	105 107 212 A					719 719 719 8.90			8.00	PASSED & PROMOTED	
18030440036 SURAJ LATA HANSDAH	FIN / EXT TER / INT TOTAL GRADE	54 30 84 A	52 28 80 A	54 30 84 A	48 25 73 B+	53 29 82 A		52 28 80 A	313 170 483 B+	20 19 39 B+	21 22 43 A	21 21 42 A	21 22 43 A	21 22 43 A	104 106 210 A					693 693 693 8.81			7.45	PASSED & PROMOTED	
18030440037 SWETA KUMARI	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	59 28 87 A	61 30 91 A+	61 30 91 A+	61 30 91 A+		60 29 89 A	363 177 540 B+	20 19 39 B+	21 22 43 A	20 20 40 A	21 22 43 A	21 21 42 A	103 104 207 A					747 747 747 9.52			8.47	PASSED & PROMOTED	
18030440038 VIMAL TUDU	FIN / EXT TER / INT TOTAL GRADE	57 27 84 A	58 28 86 A	51 22 73 B+	53 24 77 B+	59 29 88 A		59 29 88 A	337 159 496 A	22 22 44 A	23 23 46 A+	20 17 37 B+	22 22 44 A	22 21 43 A	109 105 214 A					710 710 710 8.71			8.44	PASSED & PROMOTED	
18030440039 VIVEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 30 85 A	53 28 81 A	54 29 83 A	49 25 74 B+	55 30 85 A		53 28 81 A	319 170 489 A	22 22 44 A	22 21 43 A	19 16 35 B+	23 23 46 A+	23 24 47 A+	109 106 215 A					704 704 704 8.95			7.58	PASSED & PROMOTED	
18030440040 WAQUAR HASEEB	FIN / EXT TER / INT TOTAL GRADE	62 30 92 A+	60 28 88 A	57 26 83 A	62 30 92 A+	62 30 92 A+		62 30 92 A+	365 174 539 A+	23 22 45 A+	24 23 47 A+	22 20 42 A	23 22 45 A+	25 25 50 A+	117 112 229 A					768 768 768 9.67			9.07	PASSED & PROMOTED	
18030445001 ANSHU KUMAR	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	53 26 79 B+	56 28 84 A	57 29 86 A	58 30 88 A		58 30 88 A	339 172 511 A	20 20 40 A	22 23 45 A+	18 16 34 B	21 22 43 A	21 21 42 A	102 102 204 A					715 715 715 8.81			8.05	PASSED & PROMOTED	
18030445002 NIMOTI KUMARI HANSDA	FIN / EXT TER / INT TOTAL GRADE	47 28 75 B+	42 24 66 B	41 23 64 B	33 16 49 C	48 29 77 B+		48 29 77 B+	259 149 408 B+	18 19 37 B+	20 23 43 A	16 16 32 B	20 23 43 A	18 19 37 B+	92 100 192 A					600 600 600 7.33			5.41	PASSED & PROMOTED	

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
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B.TECH 4TH SEMESTER IN COMPUTER SCIENCE & ENGINEERING EXAMINATION-2020

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

Pages : 5 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		CS401	CS402	CS403	BSC401	IT401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
70% - 79%	B+																		
60% - 69%	B	70	70	70	70	70	70	420	25	25	25	25	25	125	545		SGPA	CGPA	Remarks
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				
18030445003 PRIYANKA KACHHAP	FIN / EXT TER / INT TOTAL GRADE	34 16 50 C+	40 21 61 B	41 22 63 B	34 16 50 C+	50 30 80 A		48 28 76 B+	19 19 38 B+	21 23 44 A	17 16 33 B	21 23 44 A	21 23 44 A	99 104 203	583	583	7.43	5.91	PASSED & PROMOTED
18030445004 RAJNI KUMARI	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	52 28 80 A	49 26 75 B+	49 26 75 B+	54 30 84 A		52 28 80 A	20 21 41 A	21 23 44 A	18 17 35 B+	21 23 44 A	20 22 42 A	100 106 206	682	682	8.67	7.10	PASSED & PROMOTED
18030445005 PRINCE KUMAR YADAV	FIN / EXT TER / INT TOTAL GRADE	68 30 98 A+	66 28 94 A+	61 24 85 A	68 30 98 A+	68 30 98 A+		68 30 98 A+	21 20 41 A	23 23 46 A+	20 18 38 B+	22 22 44 A	23 23 46 A+	109 106 215	786	786	9.67	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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Verifying Assistant

Verifying Officer

Controller of Examination

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B.TECH 4TH SEMESTER IN CIVIL ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 1 of 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks	
Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21					
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545					
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305					
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-							
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335					
18030430001 AASHIKA	FIN / EXT TER / INT TOTAL GRADE	60 29 89 A	61 30 91 A+	61 30 91 A+	60 29 89 A	60 29 89 A	61 30 91 A+		363 177 540 A	22 22 44 A	22 22 44 A	21 20 41 A	23 23 46 A+	22 21 43 A	110 108 218	758	758	9.33	8.66	PASSED & PROMOTED
18030430002 ABHIJEET KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	59 28 87 A	60 29 89 A	61 30 91 A+	61 30 91 A+	58 27 85 A		360 174 534 A+	23 24 47 A+	22 22 44 A	20 18 38 B+	23 23 46 A+	23 23 46 A+	111 110 221	755	755	9.57	8.75	PASSED & PROMOTED
18030430003 ABHIJEET KUMAR RAVI	FIN / EXT TER / INT TOTAL GRADE	50 28 78 B+	50 28 78 B+	52 30 82 A	50 28 78 B+	50 28 78 B+	47 26 73 B+		299 168 467 B+	19 17 36 B+	21 22 43 A	19 17 36 B+	21 21 42 A	21 21 42 A	101 98 199	666	666	8.33	6.95	PASSED & PROMOTED
18030430004 ABHISHEK CHOUDHARY	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	58 28 86 A	59 29 88 A	59 29 88 A	58 28 86 A	54 25 79 B+		347 168 515 B	18 16 34 B	21 22 43 A	19 18 37 B+	21 22 43 A	21 21 42 A	100 99 199	714	714	8.86	7.08	PASSED & PROMOTED
18030430005 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	58 28 86 A	59 29 88 A	59 29 88 A	59 29 88 A	60 30 90 A+		354 174 528 B	18 15 33 B	21 22 43 A	19 17 36 B+	21 22 43 A	19 17 36 B+	98 93 191	719	719	8.76	8.31	PASSED & PROMOTED
18030430006 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	55 28 83 A	56 29 85 A	56 29 85 A	55 28 83 A	51 25 76 B+		329 168 497 B	18 16 34 B	21 22 43 A	18 16 34 B	21 22 43 A	20 19 39 B+	98 95 193	690	690	8.71	7.99	PASSED & PROMOTED
18030430007 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	59 30 89 A	58 29 87 A	57 28 85 A	59 30 89 A	59 30 89 A	52 24 76 B+		344 171 515 A	21 22 43 A	21 22 43 A	20 19 39 B+	21 22 43 A	20 19 39 B+	103 104 207	722	722	8.86	8.22	PASSED & PROMOTED
18030430008 ADITYA RAJ	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	58 28 86 A	59 29 88 A	59 29 88 A	59 29 88 A	55 26 81 A		349 170 519 B+	19 18 37 B+	21 22 43 A	20 20 40 A	22 23 45 A+	20 20 40 A	102 103 205	724	724	9.00	8.27	PASSED & PROMOTED
18030430009 AKASH ROY	FIN / EXT TER / INT TOTAL GRADE	59 28 87 A	59 28 87 A	61 30 91 A+	59 28 87 A	60 29 89 A	54 24 78 B+		352 167 519 A	21 22 43 A	21 22 43 A	20 19 39 B+	22 23 45 A+	20 19 39 B+	104 105 209	728	728	9.05	8.16	PASSED & PROMOTED
18030430010 AMAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	52 28 80 A	53 29 82 A	53 29 82 A	52 28 80 A	51 27 78 B+		314 170 484 B	18 16 34 B	21 22 43 A	20 19 39 B+	22 23 45 A+	20 19 39 B+	101 99 200	684	684	8.81	7.29	PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 4TH SEMESTER IN CIVIL ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 2 of 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6			
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				
18030430011 AMAN KUMAR GARG	FIN / EXT TER / INT TOTAL GRADE	55 29 84 A	55 29 84 A	55 29 84 A	55 29 84 A	54 28 82 A	53 27 80 A	327 171 498	20 19 39 B+	21 22 43 A	20 19 39 B+	22 23 45 A+	20 19 39 B+	103 102 205	703	703	8.86	7.97	PASSED & PROMOTED
18030430012 AMAN RAJ SINGH	FIN / EXT TER / INT TOTAL GRADE	62 29 91 A+	61 28 89 A	62 29 91 A+	62 29 91 A+	61 28 89 A	63 30 93 A+	371 173 544	21 19 40 A	23 24 47 A+	20 18 38 B+	22 22 44 A	21 20 41 A	107 103 210	754	754	9.43	8.80	PASSED & PROMOTED
18030430013 AMAN SAHAY	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	57 28 85 A	58 29 87 A	58 29 87 A	58 29 87 A	58 29 87 A	347 173 520	19 17 36 B+	22 24 46 A+	19 17 36 B+	21 22 43 A	19 17 36 B+	100 97 197	717	717	8.86	8.01	PASSED & PROMOTED
18030430014 AMIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	56 28 84 A	57 29 86 A	57 29 86 A	56 28 84 A	49 22 71 B+	332 165 497	19 18 37 B+	22 23 45 A+	19 18 37 B+	21 22 43 A	19 18 37 B+	100 99 199	696	696	8.86	7.68	PASSED & PROMOTED
18030430015 AMIT KUMAR MURMU	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	56 28 84 A	58 30 88 A	57 29 86 A	58 30 88 A	52 25 77 B+	338 171 509	20 19 39 B+	21 22 43 A	20 19 39 B+	22 23 45 A+	21 22 43 A	104 105 209	718	718	8.95	7.94	PASSED & PROMOTED
18030430016 ANIRUDH KUMAR	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	55 28 83 A	56 29 85 A	56 29 85 A	55 28 83 A	55 28 83 A	333 171 504	19 18 37 B+	22 23 45 A+	19 18 37 B+	21 21 42 A	20 19 39 B+	101 99 200	704	704	8.86	7.82	PASSED & PROMOTED
18030430017 ANKIT BIRSA LINDA	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	57 28 85 A	58 29 87 A	58 29 87 A	57 28 85 A	50 22 72 B+	338 165 503	20 18 38 B+	22 22 44 A	21 20 41 A	23 23 46 A+	21 20 41 A	107 103 210	713	713	9.00	8.10	PASSED & PROMOTED
18030430018 ANKIT KUMAR JHA	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	57 28 85 A	59 30 89 A	58 29 87 A	58 29 87 A	57 28 85 A	347 173 520	18 15 33 B	22 23 45 A+	21 22 43 A	21 22 43 A	21 22 43 A	103 104 207	727	727	8.95	8.14	PASSED & PROMOTED
18030430019 ANKIT KUMAR SINHA	FIN / EXT TER / INT TOTAL GRADE	60 29 89 A	59 28 87 A	60 29 89 A	60 29 89 A	61 30 91 A+	60 29 89 A	360 174 534	20 18 38 B+	23 23 46 A+	20 18 38 B+	23 24 47 A+	21 20 41 A	107 103 210	744	744	9.14	8.34	PASSED & PROMOTED
18030430020 ANSHU RAJ	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	56 28 84 A	57 29 86 A	57 29 86 A	56 28 84 A	53 26 79 B+	336 169 505	21 22 43 A	21 22 43 A	20 20 40 A	21 22 43 A	20 20 40 A	103 106 209	714	714	9.00	7.58	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 4TH SEMESTER IN CIVIL ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 3 of 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		3	3	3	3	3	0	15	1	1	1	1	2	6	21				
		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
		21	21	21	21	21	21		-	-	-	-	-						
		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030430021 ANUJ KUMAR	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	57 28 85 A	58 29 87 A	58 29 87 A	58 29 87 A	58 29 87 A	347 173 520	20 19 39 B+	22 23 45 A+	20 19 39 B+	21 22 43 A	20 19 39 B+	103 102 205	725	725	8.86	8.28	PASSED & PROMOTED
18030430022 ANUJ KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 29 84 A	56 30 86 A	56 30 86 A	55 29 84 A	54 28 82 A	51 26 77 B+	327 172 499	18 16 34 B	22 23 45 A+	19 18 37 B+	22 23 45 A+	21 21 42 A	102 101 203	702	702	8.95	7.30	PASSED & PROMOTED
18030430023 ANURAG KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 29 84 A	54 28 82 A	55 29 84 A	55 29 84 A	55 29 84 A	55 29 84 A	329 173 502	20 19 39 B+	21 22 43 A	20 19 39 B+	22 24 46 A+	20 20 40 A	103 104 207	709	709	8.95	7.95	PASSED & PROMOTED
18030430024 ARBIND KUMAR GUPTA	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	58 28 86 A	59 29 88 A	59 29 88 A	59 29 88 A	58 28 86 A	352 172 524	20 18 38 B+	23 23 46 A+	20 18 38 B+	23 24 47 A+	21 20 41 A	107 103 210	734	734	9.00	8.42	PASSED & PROMOTED
18030430025 ARJUN SINGH KUNTIA	FIN / EXT TER / INT TOTAL GRADE	51 29 80 A	50 28 78 B+	52 30 82 A	51 29 80 A	50 28 78 B+	47 26 73 B+	301 170 471	20 19 39 B+	21 22 43 A	20 19 39 B+	22 23 45 A+	20 19 39 B+	103 102 205	676	676	8.57	6.56	PASSED & PROMOTED
18030430026 ASHISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 29 84 A	54 28 82 A	55 29 84 A	55 29 84 A	56 30 86 A	55 29 84 A	330 174 504	18 16 34 B	21 22 43 A	20 20 40 A	22 23 45 A+	21 21 42 A	102 102 204	708	708	8.95	7.79	PASSED & PROMOTED
18030430027 ASHISH KUMAR MURMU	FIN / EXT TER / INT TOTAL GRADE	52 29 81 A	51 28 79 B+	53 30 83 A	52 29 81 A	52 29 81 A	43 21 64 B	303 166 469	20 20 40 A	21 22 43 A	21 21 42 A	21 22 43 A	21 21 42 A	104 106 210	679	679	8.86	7.04	PASSED & PROMOTED
18030430028 ASHOK KUMAR MAHATO	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	57 28 85 A	58 29 87 A	58 29 87 A	58 29 87 A	57 28 85 A	346 172 518	19 17 36 B+	21 22 43 A	20 19 39 B+	21 21 42 A	20 19 39 B+	101 98 199	717	717	8.81	8.34	PASSED & PROMOTED
18030430029 ATUL BAIBHAW	FIN / EXT TER / INT TOTAL GRADE	61 29 90 A+	60 28 88 A	61 29 90 A+	61 29 90 A+	60 28 88 A	60 28 88 A	363 171 534	22 22 44 A	22 22 44 A	22 22 44 A	23 24 47 A+	22 22 44 A	111 112 223	757	757	9.48	8.95	PASSED & PROMOTED
18030430031 CHANDRADEEP BHAGAT	FIN / EXT TER / INT TOTAL GRADE	49 29 78 B+	48 28 76 B+	49 29 78 B+	49 29 78 B+	48 28 76 B+	41 22 63 B	284 165 449	17 16 33 B	20 22 42 A	19 20 39 B+	21 23 44 A	18 17 35 B+	95 98 193	642	642	8.05	6.21	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 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6			
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				
18030430032 DEEPANKAR BHAGAT	FIN / EXT	56	55	56	56	56	56	335	19	20	19	20	19	97	707	707	8.81	7.42	PASSED & PROMOTED
	TER / INT	29	28	29	29	29	29	173	19	22	19	22	20	102					
	TOTAL	85	83	85	85	85	85	508	38	42	38	42	39	199					
	GRADE	A	A	A	A	A	A		B+	A	B+	A	B+						
18030430033 DEVAVTAR HEMBRAM	FIN / EXT	53	52	54	53	52	51	315	20	21	20	21	20	102	692	692	9.00	7.07	PASSED & PROMOTED
	TER / INT	29	28	30	29	28	27	171	20	22	20	22	20	104					
	TOTAL	82	80	84	82	80	78	486	40	43	40	43	40	206					
	GRADE	A	A	A	A	A	B+		A	A	A	A	A						
18030430034 DHARMENDRA KUMAR	FIN / EXT	48	47	48	48	44	40	275	19	20	19	20	19	97	635	635	8.10	6.01	PASSED & PROMOTED
	TER / INT	29	28	29	29	26	22	163	19	22	19	21	19	100					
	TOTAL	77	75	77	77	70	62	438	38	42	38	41	38	197					
	GRADE	B+	B+	B+	B+	B+	B		B+	A	B+	A	B+						
18030430035 DIKSHA RATNA	FIN / EXT	58	59	58	58	58	59	350	22	21	21	21	21	106	741	741	9.05	7.94	PASSED & PROMOTED
	TER / INT	29	30	29	29	29	30	176	24	22	21	21	21	109					
	TOTAL	87	89	87	87	87	89	526	46	43	42	42	42	215					
	GRADE	A	A	A	A	A	A		A+	A	A	A	A						
18030430036 DILIP KUMAR	FIN / EXT	59	58	59	59	59	56	350	22	22	21	23	21	109	740	740	9.05	7.99	PASSED & PROMOTED
	TER / INT	30	29	30	30	30	27	176	22	22	19	23	19	105					
	TOTAL	89	87	89	89	89	83	526	44	44	40	46	40	214					
	GRADE	A	A	A	A	A	A		A	A	A	A+	A						
18030430037 HARSH JEE	FIN / EXT	48	47	48	48	47	41	279	18	20	18	20	19	95	640	640	8.10	6.24	PASSED & PROMOTED
	TER / INT	29	28	29	29	28	23	166	18	22	18	22	20	100					
	TOTAL	77	75	77	77	75	64	445	36	42	36	42	39	195					
	GRADE	B+	B+	B+	B+	B+	B		B+	A	B+	A	B+						
18030430038 HARSH PRIYADARSHI	FIN / EXT	57	56	58	57	58	53	339	20	21	19	21	21	102	716	716	8.90	7.98	PASSED & PROMOTED
	TER / INT	29	28	30	29	30	26	172	19	22	18	22	22	103					
	TOTAL	86	84	88	86	88	79	511	39	43	37	43	43	205					
	GRADE	A	A	A	A	A	B+		B+	A	B+	A	A						
18030430039 HARSH RAJ	FIN / EXT	59	58	59	59	58	55	348	21	22	23	22	23	111	739	739	9.14	8.45	PASSED & PROMOTED
	TER / INT	29	28	29	29	28	26	169	20	22	23	22	24	111					
	TOTAL	88	86	88	88	86	81	517	41	44	46	44	47	222					
	GRADE	A	A	A	A	A	A		A	A	A+	A	A+						
18030430040 HARSHIT KUMAR SINGH	FIN / EXT	62	61	61	62	60	61	367	23	23	22	22	23	113	770	770	9.76	8.96	PASSED & PROMOTED
	TER / INT	30	29	29	30	28	29	175	24	24	22	21	24	115					
	TOTAL	92	90	90	92	88	90	542	47	47	44	43	47	228					
	GRADE	A+	A+	A+	A+	A	A+		A+	A+	A	A	A+						
18030430041 JASMINE KHALKHO	FIN / EXT	57	57	57	57	56	52	336	22	22	23	23	23	113	737	737	9.19	7.72	PASSED & PROMOTED
	TER / INT	30	30	30	30	29	26	175	22	22	23	23	23	113					
	TOTAL	87	87	87	87	85	78	511	44	44	46	46	46	226					
	GRADE	A	A	A	A	A	B+		A	A	A+	A+	A+						

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

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Pages : 5 of 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6			
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				
18030430043 KARAM CHAND MAHATO	FIN / EXT TER / INT TOTAL GRADE	60 29 89 A	59 28 87 A	60 29 89 A	60 29 89 A	61 30 91 A+	59 28 87 A	359 173 532	22 22 44 A	23 24 47 A+	20 18 38 B+	22 21 43 A	21 19 40 A	108 104 212	744	744	9.14	8.44	PASSED & PROMOTED
18030430044 KOMLIKA KUMARI	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	58 30 88 A	58 30 88 A	57 29 86 A	56 28 84 A	56 28 84 A	342 174 516	22 23 45 A+	21 22 43 A	22 23 45 A+	22 23 45 A+	22 23 45 A+	109 114 223	739	739	9.24	7.73	PASSED & PROMOTED
18030430045 KUMAR SUNNY	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	58 28 86 A	59 29 88 A	59 29 88 A	60 30 90 A+	54 25 79 B+	349 170 519	19 18 37 B+	21 22 43 A	19 18 37 B+	21 21 42 A	21 22 43 A	101 101 202	721	721	9.05	8.27	PASSED & PROMOTED
18030430046 KUMARI DEEPMALA SINGH	FIN / EXT TER / INT TOTAL GRADE	55 29 84 A	56 30 86 A	56 30 86 A	55 29 84 A	54 28 82 A	53 27 80 A	329 173 502	20 19 39 B+	21 22 43 A	21 22 43 A	22 23 45 A+	21 22 43 A	105 108 213	715	715	9.00	6.59	PASSED & PROMOTED
18030430047 LUCKY KUMAR	FIN / EXT TER / INT TOTAL GRADE	51 29 80 A	50 28 78 B+	49 27 76 B+	51 29 80 A	50 28 78 B+	46 25 71 B+	297 166 463	19 19 38 B+	20 22 42 A	19 19 38 B+	20 21 41 A	19 19 38 B+	97 100 197	660	660	8.38	6.89	PASSED & PROMOTED
18030430048 MAHENDRA HANSDA	FIN / EXT TER / INT TOTAL GRADE	55 30 85 A	54 29 83 A	55 30 85 A	55 30 85 A	54 29 83 A	53 28 81 A	326 176 502	20 20 40 A	21 22 43 A	19 18 37 B+	22 23 45 A+	20 20 40 A	102 103 205	707	707	9.00	7.32	PASSED & PROMOTED
18030430049 MANISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	55 28 83 A	57 30 87 A	56 29 85 A	57 30 87 A	49 23 72 B+	330 169 499	21 23 44 A	20 22 42 A	20 21 41 A	21 23 44 A	20 21 41 A	102 110 212	711	711	9.00	7.51	PASSED & PROMOTED
18030430050 MANISH KUMAR SAHU	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	58 29 87 A	56 27 83 A	53 25 78 B+	37 11 48 C	49 21 70 B+	311 142 453	19 18 37 B+	21 22 43 A	19 18 37 B+	21 22 43 A	21 21 42 A	101 101 202	655	655	8.19	7.89	PASSED & PROMOTED
18030430051 MANISH KUMAR VERMA	FIN / EXT TER / INT TOTAL GRADE	57 28 85 A	57 28 85 A	54 26 80 A	58 29 87 A	58 29 87 A	54 26 80 A	338 166 504	22 24 46 A+	22 23 45 A+	20 19 39 B+	22 23 45 A+	20 19 39 B+	106 108 214	718	718	9.00	8.40	PASSED & PROMOTED
18030430052 MD TANVEER ALAM	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	52 28 80 A	53 29 82 A	51 27 78 B+	53 29 82 A	42 20 62 B	304 162 466	20 19 39 B+	21 22 43 A	21 21 42 A	21 22 43 A	21 21 42 A	104 105 209	675	675	8.81	7.07	PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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Pages : 6 of 12

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A																				
70% - 79% B+	Course Credit Point	3	3	3	3	3	0	15	1	1	1	1	2	6	21					
60% - 69% B	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	25	125	545					
50% - 59% C+	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
35% - 49% C	Subject Total	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					
	18030430053 MILAN KASHYAP	64 29 93 A+	63 28 91 A+	65 30 95 A+	64 29 93 A+	64 29 93 A+	63 28 91 A+	383 173 556	22 21 43 A	23 24 47 A+	23 23 46 A+	23 23 46 A+	23 24 47 A+	114 115 229	785	785	9.95	9.27	PASSED & PROMOTED	
	18030430054 MONU KUMARI	56 29 85 A	56 29 85 A	56 29 85 A	56 29 85 A	56 29 85 A	55 28 83 A	335 173 508	21 22 43 A	22 23 45 A+	20 19 39 B+	21 22 43 A	20 19 39 B+	104 105 209	717	717	8.90	7.73	PASSED & PROMOTED	
	18030430055 MUKESH KUMAR	56 28 84 A	56 28 84 A	57 29 86 A	57 29 86 A	56 28 84 A	55 27 82 A	337 169 506	22 23 45 A+	22 23 45 A+	19 18 37 B+	21 21 42 A	20 19 39 B+	104 104 208	714	714	8.95	7.85	PASSED & PROMOTED	
	18030430056 NEETIN KUMAR NAG	57 29 86 A	56 28 84 A	57 29 86 A	57 29 86 A	58 30 88 A	56 28 84 A	341 173 514	21 21 42 A	22 23 45 A+	19 18 37 B+	21 21 42 A	20 20 40 A	103 103 206	720	720	9.00	7.73	PASSED & PROMOTED	
	18030430057 NILESH KUMAR	56 29 85 A	55 28 83 A	56 29 85 A	56 29 85 A	55 28 83 A	56 29 85 A	334 172 506	18 18 36 B+	20 22 42 A	19 19 38 B+	20 21 41 A	19 19 38 B+	96 99 195	701	701	8.81	7.76	PASSED & PROMOTED	
	18030430058 NISHANT GAUTAM	58 29 87 A	57 28 85 A	58 29 87 A	58 29 87 A	58 29 87 A	57 28 85 A	346 172 518	20 19 39 B+	22 23 45 A+	20 20 40 A	22 24 46 A+	20 20 40 A	104 106 210	728	728	9.05	7.90	PASSED & PROMOTED	
	18030430059 NISHANT KUMAR BHASHKAR	60 30 90 A+	59 29 88 A	59 29 88 A	60 30 90 A+	58 28 86 A	52 23 75 B+	348 169 517	20 19 39 B+	22 23 45 A+	21 21 42 A	22 23 45 A+	21 21 42 A	106 107 213	730	730	9.33	8.57	PASSED & PROMOTED	
	18030430060 NITYANAND RAJ	62 30 92 A+	61 29 90 A+	61 29 90 A+	61 29 90 A+	61 29 90 A+	61 29 90 A+	367 175 542	21 22 43 A	22 23 45 A+	21 22 43 A	21 21 42 A	21 22 43 A	106 110 216	758	758	9.76	8.80	PASSED & PROMOTED	
	18030430061 PIYUSH KUMAR RAJAK	60 29 89 A	61 30 91 A+	60 29 89 A	61 30 91 A+	60 29 89 A	54 24 78 B+	356 171 527	23 23 46 A+	23 24 47 A+	21 19 40 A	23 23 46 A+	21 19 40 A	111 108 219	746	746	9.43	8.58	PASSED & PROMOTED	
	18030430062 PRATIK BANERJEE	60 30 90 A+	55 26 81 A	59 29 88 A	59 29 88 A	60 30 90 A+	57 27 84 A	350 171 521	23 23 46 A+	23 23 46 A+	23 23 46 A+	23 23 46 A+	23 23 46 A+	115 115 230	751	751	9.57	8.59	PASSED & PROMOTED	

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Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030430063 PRATIK HARSH	FIN / EXT TER / INT TOTAL GRADE	62 29 91 A+	62 29 91 A+	62 29 91 A+	62 29 91 A+	62 29 91 A+	62 29 91 A+	372 174 546	23 24 47 A+	23 24 47 A+	21 20 41 A	22 22 44 A	21 20 41 A	110 110 220	766	766	9.81	8.92	PASSED & PROMOTED
18030430064 PRIYANSHU KUMAR	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	58 29 87 A	58 29 87 A	58 29 87 A	58 29 87 A	56 27 83 A	346 172 518	19 17 36 B+	21 22 43 A	20 19 39 B+	21 21 42 A	20 19 39 B+	101 98 199	717	717	8.81	8.11	PASSED & PROMOTED
18030430065 RAHUL KUMAR	FIN / EXT TER / INT TOTAL GRADE	51 29 80 A	51 29 80 A	51 29 80 A	51 29 80 A	50 28 78 B+	47 26 73 B+	301 170 471	22 23 45 A+	21 22 43 A	20 20 40 A	22 24 46 A+	20 20 40 A	105 109 214	685	685	8.95	6.93	PASSED & PROMOTED
18030430066 RAKESH KUMAR YADAV	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	60 30 90 A+	59 29 88 A	60 30 90 A+	59 29 88 A	55 26 81 A	353 174 527	21 21 42 A	22 23 45 A+	21 21 42 A	21 22 43 A	21 21 42 A	106 108 214	741	741	9.48	8.40	PASSED & PROMOTED
18030430067 RAKSHA SINGH	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	61 30 91 A+	60 29 89 A	61 30 91 A+	59 28 87 A	61 30 91 A+	363 177 540	21 20 41 A	23 24 47 A+	23 23 46 A+	22 21 43 A	23 24 47 A+	112 112 224	764	764	9.62	8.53	PASSED & PROMOTED
18030430068 RAMCHANDRA MURMU	FIN / EXT TER / INT TOTAL GRADE	54 29 83 A	53 28 81 A	54 29 83 A	52 27 79 B+	54 29 83 A	49 25 74 B+	316 167 483	19 19 38 B+	20 22 42 A	19 19 38 B+	20 21 41 A	19 19 38 B+	97 100 197	680	680	8.67	7.39	PASSED & PROMOTED
18030430069 RAUSHAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 29 90 A+	60 28 88 A	61 29 90 A+	60 28 88 A	61 29 90 A+	57 26 83 A	360 169 529	20 18 38 B+	22 22 44 A	20 18 38 B+	22 22 44 A	21 20 41 A	105 100 205	734	734	9.33	8.53	PASSED & PROMOTED
18030430070 RAVI KUMAR KESHRI	FIN / EXT TER / INT TOTAL GRADE	60 29 89 A	61 30 91 A+	60 29 89 A	61 30 91 A+	60 29 89 A	58 27 85 A	360 174 534	21 22 43 A	21 22 43 A	20 19 39 B+	21 21 42 A	20 20 40 A	103 104 207	741	741	9.24	8.62	PASSED & PROMOTED
18030430071 RAVIKANT SINGH	FIN / EXT TER / INT TOTAL GRADE	62 30 92 A+	61 29 90 A+	61 29 90 A+	61 29 90 A+	61 29 90 A+	60 28 88 A	366 174 540	19 17 36 B+	21 22 43 A	22 24 46 A+	21 22 43 A	22 24 46 A+	105 109 214	754	754	9.81	8.40	PASSED & PROMOTED
18030430072 REWTI RAMAN SAHU	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	55 28 83 A	56 29 85 A	55 28 83 A	57 30 87 A	54 27 81 A	333 171 504	20 19 39 B+	21 22 43 A	22 23 45 A+	22 23 45 A+	22 23 45 A+	107 110 217	721	721	9.14	7.59	PASSED & PROMOTED

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

Pages : 8 of 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030430073 RITESH KUMAR	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	57 29 86 A	57 29 86 A	57 29 86 A	57 29 86 A	52 25 77 B+	337 170 507	20 22 42 A	20 22 42 A	18 18 36 B+	20 22 42 A	19 20 39 B+	97 104 201	708	708	8.86	7.55	PASSED & PROMOTED
18030430074 ROHIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	60 30 90 A+	59 29 88 A	60 30 90 A+	58 28 86 A	58 28 86 A	355 175 530	21 21 42 A	21 22 43 A	21 21 42 A	22 24 46 A+	21 22 43 A	106 110 216	746	746	9.48	8.35	PASSED & PROMOTED
18030430075 RUPESH KUMAR	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	58 29 87 A	58 29 87 A	58 29 87 A	58 29 87 A	57 28 85 A	347 173 520	19 18 37 B+	22 23 45 A+	20 19 39 B+	21 21 42 A	20 20 40 A	102 101 203	723	723	8.95	8.44	PASSED & PROMOTED
18030430076 SACHIN MISHRA	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	58 28 86 A	59 29 88 A	57 27 84 A	59 29 88 A	54 25 79 B+	346 167 513	21 21 42 A	22 24 46 A+	20 19 39 B+	21 22 43 A	20 19 39 B+	104 105 209	722	722	8.90	7.92	PASSED & PROMOTED
18030430077 SAKSHI SINGH	FIN / EXT TER / INT TOTAL GRADE	62 30 92 A+	61 29 90 A+	61 29 90 A+	61 29 90 A+	61 29 90 A+	60 28 88 A	366 174 540	22 22 44 A	23 24 47 A+	21 20 41 A	23 24 47 A+	21 20 41 A	110 110 220	760	760	9.81	8.87	PASSED & PROMOTED
18030430078 SAMEER ORAON	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	58 30 88 A	57 29 86 A	58 30 88 A	57 29 86 A	51 24 75 B+	338 171 509	19 18 37 B+	21 22 43 A	20 20 40 A	22 23 45 A+	20 20 40 A	102 103 205	714	714	9.00	7.77	PASSED & PROMOTED
18030430079 SAMEER ORAON	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	52 28 80 A	53 29 82 A	52 28 80 A	52 28 80 A	45 22 67 B	307 164 471	19 19 38 B+	20 22 42 A	20 21 41 A	20 21 41 A	20 21 41 A	99 104 203	674	674	8.95	7.03	PASSED & PROMOTED
18030430080 SATISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	57 29 86 A	57 29 86 A	57 29 86 A	56 28 84 A	51 24 75 B+	335 168 503	20 22 42 A	20 22 42 A	20 22 42 A	20 22 42 A	20 22 42 A	100 110 210	713	713	9.00	8.01	PASSED & PROMOTED
18030430081 SATISH KUMAR DAS	FIN / EXT TER / INT TOTAL GRADE	50 29 79 B+	49 28 77 B+	50 29 79 B+	49 28 77 B+	50 29 79 B+	49 28 77 B+	297 171 468	18 18 36 B+	20 22 42 A	19 20 39 B+	20 22 42 A	19 20 39 B+	96 102 198	666	666	8.10	6.26	PASSED & PROMOTED
18030430082 SATYA PRAKASH	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	55 28 83 A	56 29 85 A	55 28 83 A	55 28 83 A	43 18 61 B	320 160 480	20 19 39 B+	21 22 43 A	20 19 39 B+	21 22 43 A	20 19 39 B+	102 101 203	683	683	8.81	7.93	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 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 4TH SEMESTER IN CIVIL ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 9 of 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030430083 SHAILESH MUNDUIYA	FIN / EXT TER / INT TOTAL GRADE	50 28 78 B+	50 28 78 B+	51 29 80 A	50 28 78 B+	51 29 80 A	44 23 67 B	296 165 461	18 17 35 B+	21 23 44 A	19 19 38 B+	21 23 44 A	19 19 38 B+	98 101 199	660	660	8.38	6.92	PASSED & PROMOTED
18030430084 SHUBHAM KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	50 29 79 B+	49 28 77 B+	50 29 79 B+	49 28 77 B+	50 29 79 B+	45 25 70 B+	293 168 461	21 22 43 A	21 22 43 A	20 19 39 B+	22 24 46 A+	20 19 39 B+	104 106 210	671	671	8.19	6.37	PASSED & PROMOTED
18030430085 SOURAV MAHAPATRA	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	57 28 85 A	58 29 87 A	57 28 85 A	57 28 85 A	53 25 78 B+	340 167 507	19 18 37 B+	21 22 43 A	19 18 37 B+	21 22 43 A	20 20 40 A	100 100 200	707	707	8.90	8.11	PASSED & PROMOTED
18030430086 SUBHASH HANSDA	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	55 28 83 A	56 29 85 A	55 28 83 A	56 29 85 A	49 23 72 B+	327 166 493	21 21 42 A	21 22 43 A	20 20 40 A	22 23 45 A+	20 20 40 A	104 106 210	703	703	9.05	7.91	PASSED & PROMOTED
18030430087 SUDESH SOREN	FIN / EXT TER / INT TOTAL GRADE	49 29 78 B+	48 28 76 B+	49 29 78 B+	48 28 76 B+	48 28 76 B+	41 22 63 B	283 164 447	20 22 42 A	20 22 42 A	19 19 38 B+	20 21 41 A	19 19 38 B+	98 103 201	648	648	8.14	6.49	PASSED & PROMOTED
18030430088 SUDHIR KUMAR MURMU	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	54 30 84 A	53 29 82 A	54 30 84 A	54 30 84 A	48 25 73 B+	316 173 489	19 19 38 B+	20 22 42 A	19 20 39 B+	20 22 42 A	19 20 39 B+	97 103 200	689	689	8.81	7.08	PASSED & PROMOTED
18030430089 SUMIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	56 29 85 A	56 29 85 A	56 29 85 A	56 29 85 A	54 27 81 A	334 172 506	19 18 37 B+	22 23 45 A+	19 18 37 B+	21 22 43 A	19 18 37 B+	100 99 199	705	705	8.86	7.63	PASSED & PROMOTED
18030430090 SURAJ BARA	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	58 29 87 A	58 29 87 A	58 29 87 A	57 28 85 A	53 25 78 B+	342 169 511	20 19 39 B+	21 22 43 A	19 18 37 B+	21 22 43 A	20 20 40 A	101 101 202	713	713	8.90	8.04	PASSED & PROMOTED
18030430091 SURAJ KUMAR	FIN / EXT TER / INT TOTAL GRADE	64 30 94 A+	64 30 94 A+	63 29 92 A+	64 30 94 A+	62 28 90 A+	63 29 92 A+	380 176 556	22 24 46 A+	22 23 45 A+	21 22 43 A	21 21 42 A	21 22 43 A	107 112 219	775	775	9.81	9.17	PASSED & PROMOTED
18030430092 SURAJ KUMAR	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	57 30 87 A	56 29 85 A	57 30 87 A	56 29 85 A	54 27 81 A	336 174 510	21 22 43 A	21 22 43 A	21 21 42 A	21 21 42 A	21 21 42 A	105 107 212	722	722	9.00	7.29	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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Controller of Examination

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

B.TECH 4TH SEMESTER IN CIVIL ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 10 of 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030430093 SURESH HANSDA	FIN / EXT TER / INT TOTAL GRADE	52 29 81 A	50 27 77 B+	52 29 81 A	52 29 81 A	51 28 79 B+	44 22 66 B	301 164 465	18 18 36 B+	20 22 42 A	20 22 42 A	21 23 44 A	20 21 41 A	99 106 205	670	670	8.67	7.11	PASSED & PROMOTED
18030430094 SURESH ORAON	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	58 30 88 A	57 29 86 A	58 30 88 A	57 29 86 A	53 26 79 B+	340 173 513	18 16 34 B	21 22 43 A	19 18 37 B+	21 22 43 A	18 16 34 B	97 94 191	704	704	8.67	7.88	PASSED & PROMOTED
18030430095 SWARAJ RAJ	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	54 27 81 A	56 29 85 A	54 27 81 A	56 29 85 A	55 28 83 A	331 169 500	18 16 34 B	21 22 43 A	18 16 34 B	21 22 43 A	18 16 34 B	96 92 188	688	688	8.62	7.85	PASSED & PROMOTED
18030430096 UMESH KUMAR	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	59 29 88 A	59 29 88 A	59 29 88 A	59 29 88 A	54 25 79 B+	349 170 519	19 17 36 B+	22 24 46 A+	21 22 43 A	21 22 43 A	21 22 43 A	104 107 211	730	730	9.00	8.14	PASSED & PROMOTED
18030430098 VANDANA HEMBROM	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	53 29 82 A	53 29 82 A	53 29 82 A	52 28 80 A	51 27 78 B+	315 171 486	22 22 44 A	23 23 46 A+	23 23 46 A+	23 23 46 A+	23 23 46 A+	114 114 228	714	714	9.24	7.18	PASSED & PROMOTED
18030430099 VIJAY KUMAR	FIN / EXT TER / INT TOTAL GRADE	52 29 81 A	52 29 81 A	52 29 81 A	52 29 81 A	51 28 79 B+	48 26 74 B+	307 170 477	18 17 35 B+	20 22 42 A	19 19 38 B+	21 23 44 A	19 19 38 B+	97 100 197	674	674	8.67	7.13	PASSED & PROMOTED
18030430100 VIKASH KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 29 84 A	53 27 80 A	55 29 84 A	53 27 80 A	55 29 84 A	39 15 54 C+	310 156 466	19 18 37 B+	21 22 43 A	20 20 40 A	22 23 45 A+	20 20 40 A	102 103 205	671	671	9.00	8.04	PASSED & PROMOTED
18030430101 VISHNU KUMAR	FIN / EXT TER / INT TOTAL GRADE	64 30 94 A+	62 28 90 A+	63 29 92 A+	62 28 90 A+	62 28 90 A+	52 20 72 B+	365 163 528	18 15 33 B	22 23 45 A+	20 20 40 A	21 22 43 A	20 20 40 A	101 100 201	729	729	9.67	9.08	PASSED & PROMOTED
18030430102 VIVEK CHANDRA SINGH	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	62 29 91 A+	62 29 91 A+	62 29 91 A+	62 29 91 A+	62 29 91 A+	373 175 548	18 16 34 B	22 23 45 A+	18 16 34 B	22 23 45 A+	18 16 34 B	98 94 192	740	740	9.43	8.52	PASSED & PROMOTED
18030430103 DEEPAK KUMAR	FIN / EXT TER / INT TOTAL GRADE	54 29 83 A	55 30 85 A	55 30 85 A	54 29 83 A	53 28 81 A	47 23 70 B+	318 169 487	19 17 36 B+	21 22 43 A	20 20 40 A	21 22 43 A	20 20 40 A	101 101 202	689	689	8.95	7.38	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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Verifying Officer

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

B.TECH 4TH SEMESTER IN CIVIL ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 11 of 12

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	CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6			
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				
18030435001 ABHISHEK RANJAN	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	61 30 91 A+	61 30 91 A+	61 30 91 A+	60 29 89 A	58 27 85 A	362 176 538	18 16 34 B	21 22 43 A	21 22 43 A	21 21 42 A	18 16 34 B	99 97 196	734	734	9.29	8.67	PASSED & PROMOTED
18030435002 JAI KISHAN MURMU	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	54 30 84 A	54 30 84 A	54 30 84 A	53 29 82 A	47 24 71 B+	315 172 487	18 16 34 B	21 22 43 A	21 22 43 A	21 21 42 A	21 22 43 A	102 103 205	692	692	8.90	7.64	PASSED & PROMOTED
18030435003 PRAVEEN KUMAR	FIN / EXT TER / INT TOTAL GRADE	59 30 89 A	59 30 89 A	58 29 87 A	59 30 89 A	58 29 87 A	54 26 80 A	347 174 521	20 19 39 B+	21 22 43 A	20 19 39 B+	21 22 43 A	20 19 39 B+	102 101 203	724	724	8.81	8.19	PASSED & PROMOTED
18030435004 RAGHVENDRA KUMAR	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	60 30 90 A+	58 28 86 A	60 30 90 A+	58 28 86 A	58 28 86 A	354 174 528	19 18 37 B+	21 22 43 A	19 18 37 B+	22 23 45 A+	20 20 40 A	101 101 202	730	730	9.38	8.41	PASSED & PROMOTED
18030435005 RAHBAR ALAM	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	60 30 90 A+	59 29 88 A	60 30 90 A+	58 28 86 A	52 23 75 B+	349 170 519	18 15 33 B	21 22 43 A	20 19 39 B+	21 21 42 A	20 19 39 B+	100 96 196	715	715	9.19	8.48	PASSED & PROMOTED
18030435006 RAMESH ORAON	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	49 26 75 B+	52 28 80 A	53 29 82 A	52 28 80 A	45 22 67 B	304 162 466	19 17 36 B+	21 22 43 A	20 19 39 B+	21 22 43 A	20 19 39 B+	101 99 200	666	666	8.67	7.31	PASSED & PROMOTED
18030435007 SHUBHOJEET SAHA	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	63 30 93 A+	62 29 91 A+	63 30 93 A+	62 29 91 A+	60 27 87 A	373 175 548	20 18 38 B+	22 22 44 A	21 19 40 A	22 22 44 A	21 19 40 A	106 100 206	754	754	9.67	9.00	PASSED & PROMOTED
18030435008 UMME KULSUM	FIN / EXT TER / INT TOTAL GRADE	51 26 77 B+	50 25 75 B+	49 24 73 B+	56 30 86 A	53 27 80 A	54 28 82 A	313 160 473	20 19 39 B+	21 22 43 A	21 22 43 A	22 23 45 A+	21 22 43 A	105 108 213	686	686	8.57	7.88	PASSED & PROMOTED
18030435009 RAJESH KUMAR MAHATO	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	60 29 89 A	59 28 87 A	59 28 87 A	60 29 89 A	55 25 80 A	354 169 523	18 16 34 B	21 22 43 A	21 22 43 A	21 22 43 A	21 22 43 A	102 104 206	729	729	9.05	8.77	PASSED & PROMOTED
18030435010 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	66 28 94 A+	66 28 94 A+	65 27 92 A+	68 30 98 A+	67 29 96 A+	60 23 83 A	392 165 557	20 19 39 B+	21 22 43 A	20 19 39 B+	21 22 43 A	20 19 39 B+	102 101 203	760	760	9.52	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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SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
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B.TECH 4TH SEMESTER IN CIVIL ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 12 of 12

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		CE401	CE402	CE403	CE404	EC404	EN401 / IT402 / CE405	TOTAL THEORY	CE402P	CE404P	CE406P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% ≥	A+																			
80% - 89%	A																			
70% - 79%	B+	3	3	3	3	3	0	15	1	1	1	1	2	6	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																			
<35%	F	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
Course Credit Point																				
Full Marks - Final / Ext.																				
Full Marks - Ter. / Int.																				
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					
18030435011	FIN / EXT	67	66	66	68	66	63	396	19	21	20	22	20	102						
DIWAKAR KUMAR PATHAK	TER / INT	29	28	28	30	28	26	169	18	22	20	23	20	103	770	770	9.71	9.55	PASSED & PROMOTED	
	TOTAL	96	94	94	98	94	89	565	37	43	40	45	40	205						
	GRADE	A+	A+	A+	A+	A+	A		B+	A	A	A+	A							
18030435012	FIN / EXT	67	68	67	68	67	67	404	22	21	21	21	21	106						
SHASHI BHUSHAN MAHATO	TER / INT	29	30	29	30	29	29	176	24	22	22	22	22	112	798	798	9.76	9.55	PASSED & PROMOTED	
	TOTAL	96	98	96	98	96	96	580	46	43	43	43	43	218						
	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.I.T , SINDRI , DHANBAD

B.TECH 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 1 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030450001 AADITYA VARDHAN	FIN / EXT	54	55	53	55	55	52	324	22	22	22	22	23	111	718	718	9.10	7.88	PASSED & PROMOTED
	TER / INT	29	30	28	30	30	27	174	21	21	22	22	23	109					
	TOTAL	83	85	81	85	85	79	498	43	43	44	44	46	220					
	GRADE	A	A	A	A	A	B+		A	A	A	A	A+						
18030450002 AAYUSHI	FIN / EXT	59	59	58	59	59	57	351	22	22	23	23	23	113	754	754	9.19	8.38	PASSED & PROMOTED
	TER / INT	30	30	29	30	30	28	177	22	22	23	23	23	113					
	TOTAL	89	89	87	89	89	85	528	44	44	46	46	46	226					
	GRADE	A	A	A	A	A	A		A	A	A+	A+	A+						
18030450003 AAYUSHI ARYA	FIN / EXT	55	55	55	55	55	52	327	22	22	21	21	22	108	727	727	9.19	8.00	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	27	177	23	24	22	22	24	115					
	TOTAL	85	85	85	85	85	79	504	45	46	43	43	46	223					
	GRADE	A	A	A	A	A	B+		A+	A+	A	A	A+						
18030450004 ABHIJIT PARASHAR	FIN / EXT	54	56	56	56	56	54	332	22	23	24	22	23	114	738	738	9.19	8.29	PASSED & PROMOTED
	TER / INT	28	30	30	30	30	28	176	22	23	25	22	24	116					
	TOTAL	82	86	86	86	86	82	508	44	46	49	44	47	230					
	GRADE	A	A	A	A	A	A		A	A+	A+	A	A+						
18030450005 ABHISHEK KUMAR	FIN / EXT	60	61	60	61	60	59	361	21	22	22	21	21	107	753	753	9.38	8.62	PASSED & PROMOTED
	TER / INT	29	30	29	30	29	28	175	21	23	23	21	22	110					
	TOTAL	89	91	89	91	89	87	536	42	45	45	42	43	217					
	GRADE	A	A+	A	A+	A	A		A	A+	A+	A	A						
18030450006 ABHISHEK KUMAR	FIN / EXT	58	58	57	57	57	57	344	22	19	21	21	21	104	719	719	9.00	8.20	PASSED & PROMOTED
	TER / INT	28	28	27	27	27	27	164	23	18	22	22	22	107					
	TOTAL	86	86	84	84	84	84	508	45	37	43	43	43	211					
	GRADE	A	A	A	A	A	A		A+	B+	A	A	A						
18030450007 ABHISHEK KUMAR VERMA	FIN / EXT	62	63	61	62	63	60	371	21	21	23	22	22	109	770	770	9.76	9.09	PASSED & PROMOTED
	TER / INT	29	30	28	29	30	27	173	22	22	25	24	24	117					
	TOTAL	91	93	89	91	93	87	544	43	43	48	46	46	226					
	GRADE	A+	A+	A	A+	A+	A		A	A	A+	A+	A+						
18030450008 ADARSH KUMAR	FIN / EXT	60	61	59	61	60	58	359	21	21	22	21	21	106	748	748	9.33	8.53	PASSED & PROMOTED
	TER / INT	29	30	28	30	29	27	173	21	22	24	22	21	110					
	TOTAL	89	91	87	91	89	85	532	42	43	46	43	42	216					
	GRADE	A	A+	A	A+	A	A		A	A	A+	A	A						
18030450009 ADITYA KUMAR	FIN / EXT	50	51	51	53	52	50	307	20	18	21	20	20	99	682	682	8.52	7.25	PASSED & PROMOTED
	TER / INT	27	28	28	30	29	27	169	22	18	23	22	22	107					
	TOTAL	77	79	79	83	81	77	476	42	36	44	42	42	206					
	GRADE	B+	B+	B+	A	A	B+		A	B+	A	A	A						
18030450010 ADITYA RANJAN	FIN / EXT	58	55	59	61	58	58	349	20	20	21	22	22	105	725	725	9.19	8.67	PASSED & PROMOTED
	TER / INT	27	25	28	30	27	27	164	19	19	22	23	24	107					
	TOTAL	85	80	87	91	85	85	513	39	39	43	45	46	212					
	GRADE	A	A	A	A+	A	A		B+	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 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 2 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030450011 AKASH KUMAR RAJAK	FIN / EXT	55	57	56	58	55	55	336	20	19	21	20	21	101	713	713	8.95	8.13	PASSED & PROMOTED
	TER / INT	27	29	28	30	27	27	168	21	19	23	22	23	108					
	TOTAL	82	86	84	88	82	82	504	41	38	44	42	44	209					
	GRADE	A	A	A	A	A	A	A	A	B+	A	A	A	A					
18030450012 AKASH SAW	FIN / EXT	55	56	54	55	57	55	332	20	22	21	21	22	106	720	720	9.14	8.19	PASSED & PROMOTED
	TER / INT	28	29	27	28	30	28	170	20	24	22	22	24	112					
	TOTAL	83	85	81	83	87	83	502	40	46	43	43	46	218					
	GRADE	A	A	A	A	A	A	A	A	A+	A	A	A+	A					
18030450013 AMAN ABHISHEK	FIN / EXT	59	57	58	60	60	57	351	21	20	21	21	22	105	734	734	9.33	8.44	PASSED & PROMOTED
	TER / INT	29	27	28	30	30	27	171	21	19	22	22	23	107					
	TOTAL	88	84	86	90	90	84	522	42	39	43	43	45	212					
	GRADE	A	A	A	A+	A+	A	A	A	B+	A	A	A+	A					
18030450014 AMAN BARLA	FIN / EXT	53	50	53	55	52	53	316	21	20	22	21	21	105	695	695	8.71	7.75	PASSED & PROMOTED
	TER / INT	28	26	28	30	27	28	167	22	19	23	21	22	107					
	TOTAL	81	76	81	85	79	81	483	43	39	45	42	43	212					
	GRADE	A	B+	A	A	B+	A	A	A	B+	A+	A	A	A					
18030450015 ANAND SHANKAR TIWARI	FIN / EXT	59	61	59	61	61	58	359	20	22	21	22	21	106	748	748	9.48	8.65	PASSED & PROMOTED
	TER / INT	28	30	28	30	30	27	173	19	23	22	24	22	110					
	TOTAL	87	91	87	91	91	85	532	39	45	43	46	43	216					
	GRADE	A	A+	A	A+	A+	A	A	B+	A+	A	A+	A	A					
18030450016 ANANYA KESARI	FIN / EXT	61	62	61	62	62	60	368	22	23	24	23	24	116	778	778	9.95	8.94	PASSED & PROMOTED
	TER / INT	29	30	29	30	30	28	176	22	23	25	23	25	118					
	TOTAL	90	92	90	92	92	88	544	44	46	49	46	49	234					
	GRADE	A+	A+	A+	A+	A+	A	A	A	A+	A+	A+	A+	A+					
18030450017 ANJALI KUMARI	FIN / EXT	51	49	54	57	49	54	314	20	19	21	21	20	101	680	680	8.62	7.34	PASSED & PROMOTED
	TER / INT	25	23	27	30	23	27	155	22	19	24	24	21	110					
	TOTAL	76	72	81	87	72	81	469	42	38	45	45	41	211					
	GRADE	B+	B+	A	A	B+	A	A	A	B+	A+	A+	A	A					
18030450018 ANKIT BHARDWAJ	FIN / EXT	43	31	40	43	43	44	244	20	18	20	21	20	99	601	601	7.71	5.49	PASSED & PROMOTED
	TER / INT	27	17	25	27	27	28	151	21	18	22	24	22	107					
	TOTAL	70	48	65	70	70	72	395	41	36	42	45	42	206					
	GRADE	B+	C	B	B+	B+	B+	A	A	B+	A	A+	A	A					
18030450019 ANKIT TRIPATHY	FIN / EXT	53	54	54	58	50	56	325	22	20	23	23	23	111	698	698	8.86	8.37	PASSED & PROMOTED
	TER / INT	25	26	26	29	22	27	155	21	17	23	23	23	107					
	TOTAL	78	80	80	87	72	83	480	43	37	46	46	46	218					
	GRADE	B+	A	A	A	B+	A	A	A	B+	A+	A+	A+	A+					
18030450020 ANUP ANMOL HANSDA	FIN / EXT	51	49	51	54	51	52	308	19	18	20	21	21	99	679	679	8.38	6.84	PASSED & PROMOTED
	TER / INT	27	26	27	30	27	28	165	20	18	22	24	23	107					
	TOTAL	78	75	78	84	78	80	473	39	36	42	45	44	206					
	GRADE	B+	B+	B+	A	B+	A	A	B+	B+	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 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 3 of 12

SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030450021 ANURAG GHOSH	FIN / EXT	47	47	50	50	53	50	297	21	19	22	22	22	106	673	673	8.57	7.44	PASSED & PROMOTED
	TER / INT	25	25	27	27	30	27	161	22	18	23	23	23	109					
	TOTAL	72	72	77	77	83	77	458	43	37	45	45	45	215					
	GRADE	B+	B+	B+	B+	A	B+		A	B+	A+	A+	A+						
18030450022 ANURAG KUMAR GUPTA	FIN / EXT	59	60	59	62	60	60	360	21	19	21	21	22	104	739	739	9.19	8.84	PASSED & PROMOTED
	TER / INT	27	28	27	30	28	28	168	22	18	22	22	23	107					
	TOTAL	86	88	86	92	88	88	528	43	37	43	43	45	211					
	GRADE	A	A	A	A+	A	A		A	B+	A	A	A+						
18030450023 APURVA DEY	FIN / EXT	64	62	64	64	64	61	379	22	21	22	22	21	108	775	775	9.86	9.19	PASSED & PROMOTED
	TER / INT	30	28	30	30	30	27	175	23	22	23	23	22	113					
	TOTAL	94	90	94	94	94	88	554	45	43	45	45	43	221					
	GRADE	A+	A+	A+	A+	A+	A		A+	A	A+	A+	A						
18030450024 ARPANA ANIKIT MINZ	FIN / EXT	59	59	58	59	59	57	351	22	22	22	22	21	109	751	751	9.19	8.41	PASSED & PROMOTED
	TER / INT	30	30	29	30	30	28	177	23	23	23	23	22	114					
	TOTAL	89	89	87	89	89	85	528	45	45	45	45	43	223					
	GRADE	A	A	A	A	A	A		A+	A+	A+	A+	A						
18030450025 ASHISH JAMUDA	FIN / EXT	55	49	54	54	54	54	320	20	19	20	20	20	99	683	683	8.81	8.29	PASSED & PROMOTED
	TER / INT	28	23	27	27	27	27	159	21	19	22	22	21	105					
	TOTAL	83	72	81	81	81	81	479	41	38	42	42	41	204					
	GRADE	A	B+	A	A	A	A		A	B+	A	A	A						
18030450026 ASHISH KUMAR SINGH	FIN / EXT	64	64	64	64	64	61	381	22	23	22	23	22	112	783	783	9.81	8.89	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	27	177	22	24	21	24	22	113					
	TOTAL	94	94	94	94	94	88	558	44	47	43	47	44	225					
	GRADE	A+	A+	A+	A+	A+	A		A	A+	A	A+	A						
18030450027 ASHUTOSH GAURAV	FIN / EXT	65	65	65	65	65	63	388	23	23	22	23	22	113	794	794	9.86	8.95	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	28	178	24	24	22	23	22	115					
	TOTAL	95	95	95	95	95	91	566	47	47	44	46	44	228					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A+	A	A+	A						
18030450028 ATUL ORAON	FIN / EXT	51	51	52	53	52	50	309	22	21	21	22	21	107	699	699	8.81	7.17	PASSED & PROMOTED
	TER / INT	28	28	29	30	29	27	171	24	22	21	24	21	112					
	TOTAL	79	79	81	83	81	77	480	46	43	42	46	42	219					
	GRADE	B+	B+	A	A	A	B+		A+	A	A	A+	A						
18030450029 AYUSH KUMAR	FIN / EXT	59	60	59	61	61	58	358	22	21	22	21	22	108	752	752	9.48	8.87	PASSED & PROMOTED
	TER / INT	28	29	28	30	30	27	172	24	22	23	22	23	114					
	TOTAL	87	89	87	91	91	85	530	46	43	45	43	45	222					
	GRADE	A	A	A	A+	A+	A		A+	A	A+	A	A+						
18030450030 CHANDAN RAJ	FIN / EXT	58	54	57	60	58	57	344	21	22	22	21	21	107	728	728	9.10	8.53	PASSED & PROMOTED
	TER / INT	28	25	27	30	28	27	165	21	23	24	22	22	112					
	TOTAL	86	79	84	90	86	84	509	42	45	46	43	43	219					
	GRADE	A	B+	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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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	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030450031 DEBASHISH KUMAR	FIN / EXT							62	63	63	63	63		61	23	23	22	22	23	113					
	TER / INT							29	30	30	30	30		28	24	23	22	22	23	114					
	TOTAL							91	93	93	93	93		89	47	46	44	44	46	227	779	779	9.90	9.28	PASSED & PROMOTED
	GRADE							A+	A+	A+	A+	A+		A	A+	A+	A	A	A+						
18030450032 DEEPAK KUMAR KODA	FIN / EXT							53	46	52	49	50		52	19	20	21	21	21	102					
	TER / INT							28	22	27	25	26		27	17	20	22	21	21	101					
	TOTAL							81	68	79	74	76		79	36	40	43	42	42	203	660	660	8.24	7.37	PASSED & PROMOTED
	GRADE							A	B	B+	B+	B+		B+	B+	A	A	A	A						
18030450033 DEEPALI KUMARI	FIN / EXT							59	60	59	61	61		59	23	23	23	22	23	114					
	TER / INT							28	29	28	30	30		28	23	23	23	22	24	115					
	TOTAL							87	89	87	91	91		87	46	46	46	44	47	229	761	761	9.52	8.82	PASSED & PROMOTED
	GRADE							A	A	A	A+	A+		A	A+	A+	A+	A	A+						
18030450034 DEVESH KUMAR	FIN / EXT							64	64	64	64	64		61	23	23	22	22	24	114					
	TER / INT							30	30	30	30	30		27	24	24	22	21	25	116					
	TOTAL							94	94	94	94	94		88	47	47	44	43	49	230	788	788	9.90	9.12	PASSED & PROMOTED
	GRADE							A+	A+	A+	A+	A+		A	A+	A+	A	A	A+						
18030450035 DOLLY GUPTA	FIN / EXT							56	55	55	58	55		56	21	21	21	22	22	107					
	TER / INT							28	27	27	30	27		28	21	21	21	23	23	109					
	TOTAL							84	82	82	88	82		84	42	42	42	45	45	216	718	718	9.14	8.31	PASSED & PROMOTED
	GRADE							A	A	A	A	A		A	A	A	A	A+	A+						
18030450036 GAURAV NAYAN	FIN / EXT							56	58	56	58	58		55	21	22	22	21	21	107					
	TER / INT							28	30	28	30	30		27	21	23	23	22	22	111					
	TOTAL							84	88	84	88	88		82	42	45	45	43	43	218	732	732	9.10	8.21	PASSED & PROMOTED
	GRADE							A	A	A	A	A		A	A	A+	A+	A	A						
18030450037 GULSHAN KUMAR	FIN / EXT							48	45	47	50	44		48	19	19	20	20	20	98					
	TER / INT							28	26	27	30	25		28	19	19	22	22	22	104					
	TOTAL							76	71	74	80	69		76	38	38	42	42	42	202	648	648	8.19	6.24	PASSED & PROMOTED
	GRADE							B+	B+	B+	A	B		B+	B+	B+	A	A	A						
18030450038 HARSH MISHRA	FIN / EXT							59	61	58	60	61		58	21	23	21	22	22	109					
	TER / INT							28	30	27	29	30		27	21	25	22	24	24	116					
	TOTAL							87	91	85	89	91		85	42	48	43	46	46	225	753	753	9.48	8.32	PASSED & PROMOTED
	GRADE							A	A+	A	A	A+		A	A	A+	A	A+	A+						
18030450039 HITESH KUMAR SARDAR	FIN / EXT							52	54	54	55	50		53	19	18	20	20	21	98					
	TER / INT							27	29	29	30	26		28	19	17	21	22	23	102					
	TOTAL							79	83	83	85	76		81	38	35	41	42	44	200	687	687	8.62	7.34	PASSED & PROMOTED
	GRADE							B+	A	A	A	B+		A	B+	B+	A	A	A						
18030450040 INDRAJIT CHATTERJEE	FIN / EXT							61	62	62	62	61		59	23	23	22	22	23	113					
	TER / INT							29	30	30	30	29		27	23	24	21	22	24	114					
	TOTAL							90	92	92	92	90		86	46	47	43	44	47	227	769	769	9.90	8.68	PASSED & PROMOTED
	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.

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

B.TECH 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 5 of 12

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	1	2	6	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	21	-	-	-	-	-	-	-	-			
<35%	F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
Course Credit Point		53	50	50	55	55	53	316	20	19	20	20	21	100					
Full Marks - Final / Ext.		28	26	26	30	30	28	168	22	20	22	21	23	108					
Full Marks - Ter. / Int.		81	76	76	85	85	81	484	42	39	42	41	44	208	692	692	8.67	7.38	PASSED & PROMOTED
Subject Total		A	B+	B+	A	A	A		A	B+	A	A	A						
Pass Marks - Fin. Ext.		62	58	62	63	62	60	367	21	21	22	22	22	108					
Pass Marks - Subject		29	26	29	30	29	27	170	21	22	23	24	24	114	759	759	9.76	9.22	PASSED & PROMOTED
18030450041		91	84	91	93	91	87	537	42	43	45	46	46	222					
JAY KUMAR RAVIDAS		A+	A	A+	A+	A+	A		A	A	A+	A+	A+						
18030450042		59	60	57	58	58	58	350	22	22	21	21	22	108					
KIRAN KUMARI		29	30	27	28	28	28	170	24	24	22	21	24	115	743	743	9.33	8.52	PASSED & PROMOTED
		88	90	84	86	86	86	520	46	46	43	42	46	223					
		A	A+	A	A	A	A		A+	A+	A	A	A+						
18030450043		53	48	50	50	50	50	301	22	20	22	22	21	107					
KISHAN KUMAR		30	26	27	27	27	27	164	23	20	23	23	22	111	683	683	8.57	6.92	PASSED & PROMOTED
		83	74	77	77	77	77	465	45	40	45	45	43	218					
		A	B+	B+	B+	B+	B+		A+	A	A+	A+	A						
18030450044		46	41	47	48	43	42	267	21	17	21	20	21	100					
KUNAL RANJAN SINGH		27	23	28	29	25	24	156	23	16	23	22	23	107	630	630	7.90	6.22	PASSED & PROMOTED
		73	64	75	77	68	66	423	44	33	44	42	44	207					
		B+	B	B+	B+	B	B		A	B	A	A	A						
18030450045		63	63	63	63	63	60	375	23	21	22	22	23	111					
LAKSHMAN MARDI		30	30	30	30	30	27	177	23	19	22	21	23	108	771	771	9.86	8.83	PASSED & PROMOTED
		93	93	93	93	93	87	552	46	40	44	43	46	219					
		A+	A+	A+	A+	A+	A		A+	A	A	A	A+						
18030450046		51	48	50	50	50	50	299	20	21	21	22	21	105					
MADHAV KUMAR		28	26	27	27	27	27	162	20	21	22	23	22	108	674	674	8.33	7.22	PASSED & PROMOTED
		79	74	77	77	77	77	461	40	42	43	45	43	213					
		B+	B+	B+	B+	B+	B+		A	A	A	A+	A						
18030450047		57	53	57	58	58	56	339	21	21	21	21	22	106					
MAYANK RAJ GUPTA		28	25	28	29	29	27	166	21	22	21	22	24	110	721	721	8.95	8.36	PASSED & PROMOTED
		85	78	85	87	87	83	505	42	43	42	43	46	216					
		A	B+	A	A	A	A		A	A	A	A	A+						
18030450048		64	65	58	65	65	62	379	21	21	21	21	22	106					
MD ABRAR AHMED		29	30	24	30	30	27	170	22	22	21	22	23	110	765	765	9.67	9.21	PASSED & PROMOTED
		93	95	82	95	95	89	549	43	43	42	43	45	216					
		A+	A+	A	A+	A+	A		A	A	A	A	A+						
18030450049		53	50	52	52	52	52	311	20	18	20	21	19	98					
MD QAMAR AFZAL		28	26	27	27	27	27	162	22	18	22	23	20	105	676	676	8.29	7.37	PASSED & PROMOTED
		81	76	79	79	79	79	473	42	36	42	44	39	203					
		A	B+	B+	B+	B+	B+		A	B+	A	A	B+						
18030450050																			
MD TOUSEEF RAZA																			

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 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 6 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030450051 MONALISA KUMARI	FIN / EXT	48	50	46	52	38	51	285	20	20	21	22	21	104	647	647	8.14	6.80	PASSED & PROMOTED
	TER / INT	26	27	24	29	17	28	151	20	19	22	24	22	107					
	TOTAL	74	77	70	81	55	79	436	40	39	43	46	43	211					
	GRADE	B+	B+	B+	A	C+	B+		A	B+	A	A+	A						
18030450052 MUKUL BHAGAT	FIN / EXT	42	35	41	47	44	45	254	20	19	21	21	21	102	622	622	7.71	5.93	PASSED & PROMOTED
	TER / INT	26	20	25	30	27	28	156	21	19	24	23	23	110					
	TOTAL	68	55	66	77	71	73	410	41	38	45	44	44	212					
	GRADE	B	C+	B	B+	B+	B+		A	B+	A+	A	A						
18030450053 NATHO JONKO	FIN / EXT	55	60	59	60	51	58	343	23	21	22	22	23	111	731	731	9.29	8.10	PASSED & PROMOTED
	TER / INT	26	30	29	30	22	28	165	24	20	22	22	24	112					
	TOTAL	81	90	88	90	73	86	508	47	41	44	44	47	223					
	GRADE	A	A+	A	A+	B+	A		A+	A	A	A	A+						
18030450054 NIDHI KUMARI	FIN / EXT	58	61	62	64	61	62	368	23	21	22	23	23	112	756	756	9.48	9.01	PASSED & PROMOTED
	TER / INT	25	27	28	30	27	28	165	23	20	21	24	23	111					
	TOTAL	83	88	90	94	88	90	533	46	41	43	47	46	223					
	GRADE	A	A	A+	A+	A	A+		A+	A	A	A+	A+						
18030450055 NITIN KUMAR	FIN / EXT	61	62	53	62	59	55	352	20	21	21	21	22	105	726	726	9.33	8.54	PASSED & PROMOTED
	TER / INT	29	30	22	30	27	24	162	19	21	22	22	23	107					
	TOTAL	90	92	75	92	86	79	514	39	42	43	43	45	212					
	GRADE	A+	A+	B+	A+	A	B+		B+	A	A	A	A+						
18030450056 NITISH KUMAR	FIN / EXT	56	58	51	58	50	52	325	20	20	21	22	21	104	695	695	8.71	8.31	PASSED & PROMOTED
	TER / INT	28	30	24	30	23	25	160	20	19	22	23	22	106					
	TOTAL	84	88	75	88	73	77	485	40	39	43	45	43	210					
	GRADE	A	A	B+	A	B+	B+		A	B+	A	A+	A						
18030450058 PIYUSH KUMAR	FIN / EXT	57	56	56	57	59	56	341	21	20	22	21	22	106	722	722	9.14	7.91	PASSED & PROMOTED
	TER / INT	28	27	27	28	30	27	167	21	20	23	21	23	108					
	TOTAL	85	83	83	85	89	83	508	42	40	45	42	45	214					
	GRADE	A	A	A	A	A	A		A	A	A+	A	A+						
18030450059 PRAGYA PRIYA	FIN / EXT	63	63	62	63	63	60	374	22	23	22	22	23	112	773	773	9.86	9.04	PASSED & PROMOTED
	TER / INT	30	30	29	30	30	27	176	21	24	21	22	23	111					
	TOTAL	93	93	91	93	93	87	550	43	47	43	44	46	223					
	GRADE	A+	A+	A+	A+	A+	A		A	A+	A	A	A+						
18030450060 RAHUL BHAGAT	FIN / EXT	52	51	52	53	51	51	310	18	19	20	20	19	96	672	672	8.52	7.27	PASSED & PROMOTED
	TER / INT	28	27	28	29	27	27	166	17	20	21	22	20	100					
	TOTAL	80	78	80	82	78	78	476	35	39	41	42	39	196					
	GRADE	A	B+	A	A	B+	B+		B+	B+	A	A	B+						
18030450061 RAHUL KUMAR SAW	FIN / EXT	64	63	63	64	62	62	378	22	20	22	22	22	108	773	773	9.90	9.06	PASSED & PROMOTED
	TER / INT	30	29	29	30	28	28	174	23	19	24	23	24	113					
	TOTAL	94	92	92	94	90	90	552	45	39	46	45	46	221					
	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)].
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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
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B.TECH 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 7 of 12

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	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21	21	-	-	-	-	-	-	-				
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030450062 RAJU KUMAR YADAV	FIN / EXT							66	66	66	64	61		61	22	23	23	22	23	113					
	TER / INT							30	30	30	28	26		26	22	24	23	22	23	114					
	TOTAL							96	96	96	92	87		87	44	47	46	44	46	227	781	781	9.76	9.26	PASSED & PROMOTED
	GRADE							A+	A+	A+	A+	A		A	A	A+	A+	A	A+						
18030450063 RAMAN ORAON	FIN / EXT							56	57	58	56	55		55	21	17	20	20	21	99					
	TER / INT							28	29	30	28	27		27	23	16	21	22	23	105					
	TOTAL							84	86	88	84	82		82	44	33	41	42	44	204	710	710	8.90	7.72	PASSED & PROMOTED
	GRADE							A	A	A	A	A		A	A	B	A	A	A						
18030450064 RAVI KUMAR MANDAL	FIN / EXT							58	55	58	58	57		57	22	20	20	21	22	105					
	TER / INT							28	26	28	28	27		27	23	19	20	22	23	107					
	TOTAL							86	81	86	86	84		84	45	39	40	43	45	212	719	719	9.10	8.45	PASSED & PROMOTED
	GRADE							A	A	A	A	A		A	A+	B+	A	A	A+						
18030450065 RITESH KUMAR	FIN / EXT							63	62	63	62	58		58	21	22	21	21	22	107					
	TER / INT							30	29	30	29	26		26	21	24	22	21	23	111					
	TOTAL							93	91	93	91	84		84	42	46	43	42	45	218	754	754	9.71	8.90	PASSED & PROMOTED
	GRADE							A+	A+	A+	A+	A		A	A	A+	A	A	A+						
18030450066 ROHIT KUDADA	FIN / EXT							42	40	43	46	40		45	18	19	19	20	20	96					
	TER / INT							25	23	26	28	23		27	18	19	20	22	22	101					
	TOTAL							67	63	69	74	63		72	36	38	39	42	42	197	605	605	7.57	5.93	PASSED & PROMOTED
	GRADE							B	B	B	B+	B		B+	B+	B+	B+	A	A						
18030450067 ROHIT KUMAR	FIN / EXT							59	58	59	60	58		58	23	21	22	21	21	108					
	TER / INT							28	27	28	29	27		27	25	22	23	22	21	113					
	TOTAL							87	85	87	89	85		85	48	43	45	43	42	221	739	739	9.10	8.40	PASSED & PROMOTED
	GRADE							A	A	A	A	A		A	A+	A	A+	A	A						
18030450068 ROHIT KUMAR RAJAK	FIN / EXT							58	57	55	58	55		53	21	20	23	21	21	106					
	TER / INT							30	29	27	30	27		26	22	19	25	21	22	109					
	TOTAL							88	86	82	88	82		79	43	39	48	42	43	215	720	720	9.00	8.31	PASSED & PROMOTED
	GRADE							A	A	A	A	A		B+	A	B+	A+	A	A						
18030450069 ROHIT ORAON	FIN / EXT							54	53	53	55	50		50	21	19	22	20	21	103					
	TER / INT							29	28	28	30	26		26	23	20	25	22	24	114					
	TOTAL							83	81	81	85	76		76	44	39	47	42	45	217	699	699	8.95	7.35	PASSED & PROMOTED
	GRADE							A	A	A	A	B+		B+	A	B+	A+	A	A+						
18030450070 ROHIT ORAON	FIN / EXT							53	52	52	53	49		49	21	20	21	21	21	104					
	TER / INT							29	28	28	29	26		26	23	21	23	23	24	114					
	TOTAL							82	80	80	82	75		75	44	41	44	44	45	218	692	692	8.95	7.05	PASSED & PROMOTED
	GRADE							A	A	A	A	B+		B+	A	A	A	A	A+						
18030450071 ROHIT TIRKEY	FIN / EXT							59	59	58	57	54		54	23	22	20	22	22	109					
	TER / INT							30	30	29	28	26		26	25	23	20	24	23	115					
	TOTAL							89	89	87	85	80		80	48	45	40	46	45	224	734	734	9.24	8.47	PASSED & PROMOTED
	GRADE							A	A	A	A	A		A	A+	A+	A	A+	A+						

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
70% - 79%	B+																		
60% - 69%	B	70	70	70	70	70	70	420	25	25	25	25	25	125	545		SGPA	CGPA	Remarks
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				
18030450072	FIN / EXT	55	55	55	55	55	55	330	21	20	21	22	22	106					
ROOPAM KR RAJ	TER / INT	28	28	28	28	28	28	168	22	19	21	24	23	109	713	713	9.10	7.88	PASSED & PROMOTED
	TOTAL	83	83	83	83	83	83	498	43	39	42	46	45	215					
	GRADE	A	A	A	A	A	A		A	B+	A	A+	A+						
18030450073	FIN / EXT	48	39	45	49	46	49	276	19	18	19	20	19	95					
ROSHAN HANSDA	TER / INT	27	20	25	28	26	28	154	22	19	21	24	22	108	633	633	7.95	6.51	PASSED & PROMOTED
	TOTAL	75	59	70	77	72	77	430	41	37	40	44	41	203					
	GRADE	B+	C+	B+	B+	B+	B+		A	B+	A	A	A						
18030450074	FIN / EXT	59	58	59	59	54	54	343	21	21	22	21	22	107					
ROSHAN KUMAR	TER / INT	29	28	29	29	25	25	165	22	21	23	22	23	111	726	726	9.00	8.36	PASSED & PROMOTED
	TOTAL	88	86	88	88	79	79	508	43	42	45	43	45	218					
	GRADE	A	A	A	A	B+	B+		A	A	A+	A	A+						
18030450075	FIN / EXT	53	53	54	54	47	53	314	21	20	19	21	21	102					
ROSHAN ORANW	TER / INT	27	27	28	28	22	27	159	23	22	20	23	23	111	686	686	8.67	7.51	PASSED & PROMOTED
	TOTAL	80	80	82	82	69	80	473	44	42	39	44	44	213					
	GRADE	A	A	A	A	B	A		A	A	B+	A	A						
18030450076	FIN / EXT	47	43	49	50	46	46	281	19	19	20	20	19	97					
SACHIN AIND	TER / INT	26	22	27	28	25	25	153	20	20	21	22	20	103	634	634	7.95	6.41	PASSED & PROMOTED
	TOTAL	73	65	76	78	71	71	434	39	39	41	42	39	200					
	GRADE	B+	B	B+	B+	B+	B+		B+	B+	A	A	B+						
18030450077	FIN / EXT	58	58	59	58	54	54	341	21	18	20	20	21	100					
SADDAM HUSSAIN	TER / INT	28	28	29	28	25	25	163	24	17	21	21	24	107	711	711	8.95	8.13	PASSED & PROMOTED
	TOTAL	86	86	88	86	79	79	504	45	35	41	41	45	207					
	GRADE	A	A	A	A	B+	B+		A+	B+	A	A	A+						
18030450078	FIN / EXT	39	38	50	50	47	47	271	20	19	20	20	20	99					
SAGEN BASKEY	TER / INT	19	18	28	28	26	26	145	22	20	21	22	22	107	622	622	7.67	6.33	PASSED & PROMOTED
	TOTAL	58	56	78	78	73	73	416	42	39	41	42	42	206					
	GRADE	C+	C+	B+	B+	B+	B+		A	B+	A	A	A						
18030450079	FIN / EXT	60	61	61	60	59	59	360	21	19	20	22	22	104					
SANDEEP KUMAR	TER / INT	28	29	29	28	27	27	168	22	17	20	23	24	106	738	738	9.38	8.64	PASSED & PROMOTED
	TOTAL	88	90	90	88	86	86	528	43	36	40	45	46	210					
	GRADE	A	A+	A+	A	A	A		A	B+	A	A+	A+						
18030450080	FIN / EXT	60	61	62	60	57	57	357	22	20	21	21	22	106					
SANDHYA TOPPO	TER / INT	28	29	30	28	26	26	167	23	19	21	22	23	108	738	738	9.38	8.65	PASSED & PROMOTED
	TOTAL	88	90	92	88	83	83	524	45	39	42	43	45	214					
	GRADE	A	A+	A+	A	A	A		A+	B+	A	A	A+						
18030450081	FIN / EXT	59	59	58	59	56	56	347	22	19	21	21	22	105					
SANSKAR RAM	TER / INT	28	28	27	28	26	26	163	23	18	21	22	23	107	722	722	9.10	8.21	PASSED & PROMOTED
	TOTAL	87	87	85	87	82	82	510	45	37	42	43	45	212					
	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.

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 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 9 of 12

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	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030450082 SARFARAZ ALAM	FIN / EXT							54	55	61	60	55		56	23	21	22	21	21	108					
	TER / INT							24	25	30	29	25		26	25	22	23	22	21	113	721	721	9.10	8.52	PASSED & PROMOTED
	TOTAL							78	80	91	89	80		82	48	43	45	43	42	221					
	GRADE							B+	A	A+	A	A		A	A	A+	A	A	A						
18030450083 SAURAV ANAND	FIN / EXT							54	54	53	55	51		53	23	21	23	22	22	111					
	TER / INT							28	28	27	29	26		27	23	19	23	22	21	108	704	704	8.95	7.87	PASSED & PROMOTED
	TOTAL							82	82	80	84	77		80	46	40	46	44	43	219					
	GRADE							A	A	A	A	B+		A	A	A+	A	A	A						
18030450084 SHASHI KUMAR	FIN / EXT							57	58	58	58	56		56	20	21	22	21	21	105					
	TER / INT							28	29	29	29	27		27	20	21	23	22	22	108	725	725	9.05	8.12	PASSED & PROMOTED
	TOTAL							85	87	87	87	83		83	40	42	45	43	43	213					
	GRADE							A	A	A	A	A		A	A	A+	A	A	A						
18030450085 SHIV SHANKAR KUMAR	FIN / EXT							59	59	60	59	57		57	23	19	22	21	22	107					
	TER / INT							29	29	30	29	27		27	25	17	23	21	24	110	739	739	9.29	8.51	PASSED & PROMOTED
	TOTAL							88	88	90	88	84		84	48	36	45	42	46	217					
	GRADE							A	A	A+	A	A		A	A+	B+	A+	A	A+						
18030450086 SHIVAM KUMAR SUNDERAM	FIN / EXT							61	62	62	60	60		60	22	20	21	22	22	107					
	TER / INT							29	30	30	28	28		28	23	20	21	23	23	110	755	755	9.62	8.77	PASSED & PROMOTED
	TOTAL							90	92	92	88	88		88	45	40	42	45	45	217					
	GRADE							A+	A+	A+	A	A		A	A+	A	A	A+	A+						
18030450087 SHIVAM SAHU	FIN / EXT							56	54	57	56	54		54	21	20	22	22	22	107					
	TER / INT							29	27	30	29	27		27	21	20	23	23	24	111	718	718	9.19	7.81	PASSED & PROMOTED
	TOTAL							85	81	87	85	81		81	42	40	45	45	46	218					
	GRADE							A	A	A	A	A		A	A	A+	A+	A+	A+						
18030450088 SHUBHAM KUMAR JHA	FIN / EXT							61	62	62	62	60		60	23	22	23	23	23	114					
	TER / INT							29	30	30	30	28		28	24	22	24	24	23	117	773	773	9.81	8.60	PASSED & PROMOTED
	TOTAL							90	92	92	92	88		88	47	44	47	47	46	231					
	GRADE							A+	A+	A+	A+	A		A	A+	A	A+	A+	A+						
18030450089 SHWETA KUMARI	FIN / EXT							63	64	64	63	59		59	23	21	23	22	23	112					
	TER / INT							29	30	30	29	26		26	24	19	23	22	23	111	765	765	9.76	9.31	PASSED & PROMOTED
	TOTAL							92	94	94	92	85		85	47	40	46	44	46	223					
	GRADE							A+	A+	A+	A+	A		A	A+	A	A+	A	A+						
18030450090 SIDHANT SAGAR	FIN / EXT							60	59	60	61	56		56	23	22	21	21	21	108					
	TER / INT							28	27	28	29	25		25	25	24	22	22	22	115	737	737	9.24	8.62	PASSED & PROMOTED
	TOTAL							88	86	88	90	81		81	48	46	43	43	43	223					
	GRADE							A	A	A	A+	A		A	A+	A+	A	A	A						
18030450091 SIMRAN PRIYADARSHANI	FIN / EXT							62	63	64	63	61		61	23	21	23	22	23	112					
	TER / INT							28	29	30	29	27		27	23	20	23	21	23	110	766	766	9.76	9.27	PASSED & PROMOTED
	TOTAL							90	92	94	92	88		88	46	41	46	43	46	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.

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B.TECH 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 10 of 12

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	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030450092 SOMYA VATS	FIN / EXT							54	56	55	55	52		324	23	23	21	23	22	112					
	TER / INT							27	29	28	28	26		164	24	24	20	23	22	113					
	TOTAL							81	85	83	83	78		488	47	47	41	46	44	225	713	713	9.00	7.92	PASSED & PROMOTED
	GRADE							A	A	A	A	B+		B+	A+	A+	A	A+	A						
18030450093 SOURAV KUMAR	FIN / EXT							57	52	59	57	54		333	22	20	20	22	21	105					
	TER / INT							28	24	30	28	26		162	23	20	20	23	21	107					
	TOTAL							85	76	89	85	80		495	45	40	40	45	42	212	707	707	8.95	8.09	PASSED & PROMOTED
	GRADE							A	B+	A	A	A		A	A+	A	A	A+	A						
18030450094 SUMANPREET SAMAD	FIN / EXT							56	55	58	58	55		337	22	21	23	22	20	108					
	TER / INT							28	27	30	30	27		169	24	22	25	23	20	114					
	TOTAL							84	82	88	88	82		506	46	43	48	45	40	222	728	728	9.14	7.99	PASSED & PROMOTED
	GRADE							A	A	A	A	A		A	A+	A	A+	A+	A						
18030450095 SUNNY KUMAR	FIN / EXT							53	51	52	53	51		311	21	20	21	21	20	103					
	TER / INT							29	27	28	29	27		167	23	22	23	23	22	113					
	TOTAL							82	78	80	82	78		478	44	42	44	44	42	216	694	694	8.71	7.25	PASSED & PROMOTED
	GRADE							A	B+	A	A	B+		B+	A	A	A	A	A						
18030450096 SURAJ KUMAR MANDAL	FIN / EXT							51	51	51	50	49		280	20	21	20	21	20	102					
	TER / INT							25	25	25	24	23		127	19	22	20	22	20	103					
	TOTAL							76	76	76	74	72	35(+2)#	409	39	43	40	43	40	205	614	612	8.24	7.08	PASSED & PROMOTED
	GRADE							B+	B+	B+	B+	B+		C	B+	A	A	A	A						
18030450097 UJJAWAL KUMAR	FIN / EXT							65	65	65	64	62		383	22	22	21	21	21	107					
	TER / INT							30	30	30	29	27		173	24	24	22	22	21	113					
	TOTAL							95	95	95	93	89		556	46	46	43	43	42	220	776	776	9.67	9.07	PASSED & PROMOTED
	GRADE							A+	A+	A+	A+	A		A	A+	A+	A	A	A						
18030450098 UTTAM KUMAR MUNDA	FIN / EXT							48	41	52	52	47		288	20	17	21	21	20	99					
	TER / INT							26	20	29	29	25		155	22	16	23	23	21	105					
	TOTAL							74	61	81	81	72		443	42	33	44	44	41	204	647	647	8.33	7.04	PASSED & PROMOTED
	GRADE							B+	B	A	A	B+		B+	A	B	A	A	A						
18030450099 VARUNAV VIRAJ	FIN / EXT							54	53	54	55	51		318	22	18	20	20	20	100					
	TER / INT							28	27	28	29	26		164	25	17	22	22	22	108					
	TOTAL							82	80	82	84	77		482	47	35	42	42	42	208	690	690	8.86	7.91	PASSED & PROMOTED
	GRADE							A	A	A	A	B+		B+	A+	B+	A	A	A						
18030450100 VISHAL KUMBHAKAR	FIN / EXT							64	66	66	65	64		389	23	20	23	22	23	111					
	TER / INT							28	30	30	29	28		173	23	17	23	22	23	108					
	TOTAL							92	96	96	94	92		562	46	37	46	44	46	219	781	781	9.86	9.17	PASSED & PROMOTED
	GRADE							A+	A+	A+	A+	A+		A+	A+	B+	A+	A	A+						
18030450101 UMESH MAJHI	FIN / EXT							40	41	43	44	41		250	17	16	19	20	19	91					
	TER / INT							25	26	27	28	26		158	18	16	21	23	21	99					
	TOTAL							65	67	70	72	67		408	35	32	40	43	40	190	598	598	7.71	5.14	PASSED & PROMOTED
	GRADE							B	B	B+	B+	B		B	B+	B	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 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 11 of 12

SGPA=Σ Semester(Course credits * Grade point) for all courses / Σ Semester(Course credits)	90% ≥ A+	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-			
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030455001 ABHIJIT KUMAR	FIN / EXT	63	63	62	63	61	61	373	23	22	22	21	21	109			9.71	9.24	PASSED & PROMOTED
	TER / INT	29	29	28	29	27	27	169	25	24	23	22	22	116	767	767			
	TOTAL	92	92	90	92	88	88	542	48	46	45	43	43	225					
	GRADE	A+	A+	A+	A+	A	A	A	A+	A+	A+	A	A						
18030455002 ANIL KUMAR SAW	FIN / EXT	60	60	56	61	55	55	347	23	22	22	22	21	110			9.33	8.72	PASSED & PROMOTED
	TER / INT	29	29	26	30	25	25	164	25	24	24	23	22	118	739	739			
	TOTAL	89	89	82	91	80	80	511	48	46	46	45	43	228					
	GRADE	A	A	A	A+	A	A	A	A+	A+	A+	A+	A						
18030455003 ANSH KUMAR	FIN / EXT	59	61	58	60	56	56	350	21	21	21	21	21	105			9.19	8.60	PASSED & PROMOTED
	TER / INT	28	30	27	29	26	26	166	23	24	23	23	23	116	737	737			
	TOTAL	87	91	85	89	82	82	516	44	45	44	44	44	221					
	GRADE	A	A+	A	A	A	A	A	A	A+	A	A	A						
18030455004 DINU KUMAR SOREN	FIN / EXT	41	42	46	51	43	48	271	20	20	21	20	20	101			8.05	6.29	PASSED & PROMOTED
	TER / INT	21	22	26	30	23	27	149	21	22	24	22	21	110	631	631			
	TOTAL	62	64	72	81	66	75	420	41	42	45	42	41	211					
	GRADE	B	B	B+	A	B	B+	B+	A	A	A+	A	A						
18030455005 KAMAL KANT PASWAN	FIN / EXT	48	44	46	50	46	46	280	20	19	20	21	19	99			8.00	6.67	PASSED & PROMOTED
	TER / INT	27	24	26	29	26	26	158	22	19	22	23	20	106	643	643			
	TOTAL	75	68	72	79	72	72	438	42	38	42	44	39	205					
	GRADE	B+	B	B+	B+	B+	B+	B+	A	B+	A	A	B+						
18030455006 KARAN SINGH MUNDA	FIN / EXT	38	35	42	46	38	41	240	19	17	21	21	20	98			7.48	5.84	PASSED & PROMOTED
	TER / INT	22	20	26	29	22	25	144	19	16	24	23	21	103	585	585			
	TOTAL	60	55	68	75	60	66	384	38	33	45	44	41	201					
	GRADE	B	C+	B	B+	B	B	B	B+	B	A+	A	A						
18030455007 PRABHAT AGARWAL	FIN / EXT	65	66	65	65	61	63	385	24	23	23	22	23	115			9.81	9.62	PASSED & PROMOTED
	TER / INT	29	30	29	29	26	27	170	25	24	23	22	23	117	787	787			
	TOTAL	94	96	94	94	87	90	555	49	47	46	44	46	232					
	GRADE	A+	A+	A+	A+	A	A+	A+	A+	A+	A+	A	A+						
18030455008 PRAKASH KUMAR	FIN / EXT	53	53	52	55	52	52	317	20	20	21	20	20	101			8.76	7.43	PASSED & PROMOTED
	TER / INT	28	28	27	30	27	27	167	21	22	24	22	21	110	695	695			
	TOTAL	81	81	79	85	79	79	484	41	42	45	42	41	211					
	GRADE	A	A	B+	A	B+	B+	B+	A	A	A+	A	A						
18030455009 RAHUL SHARMA	FIN / EXT	63	63	62	62	58	58	366	22	20	21	22	22	107			9.71	9.21	PASSED & PROMOTED
	TER / INT	30	30	29	29	26	26	170	24	19	21	23	24	111	754	754			
	TOTAL	93	93	91	91	84	84	536	46	39	42	45	46	218					
	GRADE	A+	A+	A+	A+	A	A	A	A+	B+	A	A+	A+						
18030455010 RASHMI PRIYA	FIN / EXT	61	60	61	61	56	56	355	23	22	22	21	22	110			9.67	9.10	PASSED & PROMOTED
	TER / INT	30	29	30	30	26	26	171	25	24	24	22	23	118	754	754			
	TOTAL	91	89	91	91	82	82	526	48	46	46	43	45	228					
	GRADE	A+	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 4TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2020

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

Pages : 12 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	EE401	EE402	EC401	EC403	CS301	EN401 / IT402	TOTAL THEORY	EE401P	EE402P	EC403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030455011 REETA KUMARI BEDIA	FIN / EXT	48	44	43	49	41	45	270	21	19	22	22	21	105	635	635	7.90	6.67	PASSED & PROMOTED
	TER / INT	28	25	24	29	22	26	154	22	17	23	23	21	106					
	TOTAL	76	69	67	78	63	71	424	43	36	45	45	42	211					
	GRADE	B+	B	B	B+	B	B+		A	B+	A+	A+	A						
18030455012 SANDEEP KOLE	FIN / EXT	41	35	37	31	41	40	225	19	9	21	20	19	88	530	530	6.48	5.10	PROMOTED
	TER / INT	25	20	21	16	25	24	131	20	-	24	22	20	86					
	TOTAL	66	55	58	47	66	64	356	39	9*	45	42	39	174					
	GRADE	B	C+	C+	C	B	B		B+	F	A+	A	B+						
18030455013 SOURAV KUMAR	FIN / EXT	62	63	64	63	61	61	374	23	22	22	21	22	110	770	770	9.81	9.19	PASSED & PROMOTED
	TER / INT	28	29	30	29	27	27	170	25	24	23	21	23	116					
	TOTAL	90	92	94	92	88	88	544	48	46	45	42	45	226					
	GRADE	A+	A+	A+	A+	A	A		A+	A+	A+	A	A+						
18030455014 VIJAY KUMAR NAYAK	FIN / EXT	47	45	49	52	43	49	285	21	21	22	22	21	107	660	660	8.24	6.86	PASSED & PROMOTED
	TER / INT	26	24	27	30	22	27	156	21	22	24	23	22	112					
	TOTAL	73	69	76	82	65	76	441	42	43	46	45	43	219					
	GRADE	B+	B	B+	A	B	B+		A	A	A+	A+	A						
18030455015 SOHAM VIVEK	FIN / EXT	51	50	51	53	48	50	303	22	20	23	21	20	106	684	684	8.48	7.29	PASSED & PROMOTED
	TER / INT	28	27	28	30	26	27	166	23	19	25	22	20	109					
	TOTAL	79	77	79	83	74	77	469	45	39	48	43	40	215					
	GRADE	B+	B+	B+	A	B+	B+		A+	B+	A+	A	A						
18030455016 SUMIT KUMAR VERMA	FIN / EXT	67	69	67	68	66	66	403	23	23	22	23	22	113	800	800	9.86	9.86	PASSED & PROMOTED
	TER / INT	28	30	28	29	27	27	169	24	24	22	23	22	115					
	TOTAL	95	99	95	97	93	93	572	47	47	44	46	44	228					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A+	A	A+	A						
18030455017 MD MUSAHID	FIN / EXT	62	64	62	59	61	61	369	21	22	21	21	20	105	749	749	9.48	9.19	PASSED & PROMOTED
	TER / INT	28	30	28	26	27	27	166	21	24	22	22	20	109					
	TOTAL	90	94	90	85	88	88	535	42	46	43	43	40	214					
	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.

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

B.TECH 4TH SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 1 of 5

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		IT401	CS401	CS402	CS403	BSC401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	1	2	6	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				
18030480001	FIN / EXT	57	56	54	48	49		55	319	21	22	20	21	22	106				
ABHAY TIWARY	TER / INT	30	29	27	22	23		28	159	22	23	19	22	24	110				
	TOTAL	87	85	81	70	72		83	478	43	45	39	43	46	216	694	694	8.81	7.91
	GRADE	A	A	A	B+	B+		A		A	A+	B+	A	A+					PASSED & PROMOTED
18030480002	FIN / EXT	59	59	57	59	59		59	352	21	22	18	21	22	104				
ADARSH CHOUDHARY	TER / INT	30	30	28	30	30		30	178	22	23	15	22	23	105				
	TOTAL	89	89	85	89	89		89	530	43	45	33	43	45	209	739	739	9.05	8.29
	GRADE	A	A	A	A	A		A		A	A+	B	A	A+					PASSED & PROMOTED
18030480003	FIN / EXT	57	59	57	54	59		57	343	21	22	19	21	22	105				
ADARSH KUMAR MANDAL	TER / INT	28	30	28	26	30		28	170	22	24	17	21	23	107				
	TOTAL	85	89	85	80	89		85	513	43	46	36	42	45	212	725	725	9.10	8.54
	GRADE	A	A	A	A	A		A		A	A+	B+	A	A+					PASSED & PROMOTED
18030480004	FIN / EXT	54	56	54	55	56		54	329	21	22	18	22	22	105				
ADARSH TIRKEY	TER / INT	28	30	28	29	30		28	173	22	23	15	23	24	107				
	TOTAL	82	86	82	84	86		82	502	43	45	33	45	46	212	714	714	9.10	7.52
	GRADE	A	A	A	A	A		A		A	A+	B	A+	A+					PASSED & PROMOTED
18030480005	FIN / EXT	60	60	58	60	60		60	358	20	22	19	21	22	104				
AMIT KUMAR	TER / INT	30	30	28	30	30		30	178	20	24	17	22	23	106				
	TOTAL	90	90	86	90	90		90	536	40	46	36	43	45	210	746	746	9.67	8.71
	GRADE	A+	A+	A	A+	A+		A+		A	A+	B+	A	A+					PASSED & PROMOTED
18030480006	FIN / EXT	60	60	58	59	60		60	357	21	20	17	20	19	97				
AMIT KUMAR SINGH	TER / INT	30	30	28	29	30		30	177	23	21	15	22	20	101				
	TOTAL	90	90	86	88	90		90	534	44	41	32	42	39	198	732	732	9.24	8.50
	GRADE	A+	A+	A	A	A+		A+		A	A	B	A	B+					PASSED & PROMOTED
18030480007	FIN / EXT	61	61	59	59	61		59	360	21	22	21	21	22	107				
ANISH KUMAR BARNWAL	TER / INT	30	30	28	28	30		28	174	22	23	21	22	24	112				
	TOTAL	91	91	87	87	91		87	534	43	45	42	43	46	219	753	753	9.57	8.74
	GRADE	A+	A+	A	A	A+		A		A	A+	A	A	A+					PASSED & PROMOTED
18030480008	FIN / EXT	58	57	56	57	57		58	343	19	20	17	21	20	97				
ANJALI KUMARI	TER / INT	30	29	28	29	29		30	175	20	21	15	23	22	101				
	TOTAL	88	86	84	86	86		88	518	39	41	32	44	42	198	716	716	8.86	7.18
	GRADE	A	A	A	A	A		A		B+	A	B	A	A					PASSED & PROMOTED
18030480009	FIN / EXT	53	55	53	54	55		55	325	21	22	18	22	22	105				
ANJANI KUMAR	TER / INT	28	30	28	29	30		30	175	21	23	15	23	23	105				
	TOTAL	81	85	81	83	85		85	500	42	45	33	45	45	210	710	710	9.10	7.84
	GRADE	A	A	A	A	A		A		A	A+	B	A+	A+					PASSED & PROMOTED
18030480010	FIN / EXT	62	62	60	61	62		62	369	20	22	19	22	20	103				
ANURAG SINGH	TER / INT	30	30	28	29	30		30	177	20	24	17	23	19	103				
	TOTAL	92	92	88	90	92		92	546	40	46	36	45	39	206	752	752	9.52	8.85
	GRADE	A+	A+	A	A+	A+		A+		A	A+	B+	A+	B+					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
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B.TECH 4TH SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 2 of 5

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	IT401	CS401	CS402	CS403	BSC401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		3	3	3	3	3	0	15	1	1	1	1	2	6	21				
		70	70	70	70	70	70	420	25	25	25	25	25	125	545				
		30	30	30	30	30	30	180	25	25	25	25	25	125	305				
		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
		21	21	21	21	21	21		-	-	-	-	-						
		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030480011	FIN / EXT	56	58	56	53	50		56	329	23	23	19	23	23	111				
ARSHAD JAMAL	TER / INT	28	30	28	26	23		28	163	23	24	15	23	23	108				
	TOTAL	84	88	84	79	73		84	492	46	47	34	46	46	219	711	711	8.86	7.73
	GRADE	A	A	A	B+	B+		A		A+	A+	B	A+	A+					PASSED & PROMOTED
18030480012	FIN / EXT	56	55	54	51	55		55	326	19	20	18	20	20	97				
ATULYA RAJ	TER / INT	30	29	28	26	29		29	171	19	21	17	22	22	101				
	TOTAL	86	84	82	77	84		84	497	38	41	35	42	42	198	695	695	8.76	7.64
	GRADE	A	A	A	B+	A		A		B+	A	B+	A	A					PASSED & PROMOTED
18030480013	FIN / EXT	62	62	60	61	62		61	368	22	22	22	21	21	108				
AYUSH KUMAR	TER / INT	30	30	28	29	30		29	176	23	23	24	22	21	113				
	TOTAL	92	92	88	90	92		90	544	45	45	46	43	42	221	765	765	9.71	8.86
	GRADE	A+	A+	A	A+	A+		A+		A+	A+	A+	A	A					PASSED & PROMOTED
18030480014	FIN / EXT	59	57	57	54	56		59	342	21	22	19	21	23	106				
HANZALA SOHRAB	TER / INT	30	28	28	26	27		30	169	21	23	17	22	25	108				
	TOTAL	89	85	85	80	83		89	511	42	45	36	43	48	214	725	725	9.10	8.19
	GRADE	A	A	A	A	A		A		A	A+	B+	A	A+					PASSED & PROMOTED
18030480015	FIN / EXT	61	60	59	60	60		61	361	23	23	23	23	23	115				
HRISHI BAROI	TER / INT	29	28	27	28	28		29	169	23	23	24	23	23	116				
	TOTAL	90	88	86	88	88		90	530	46	46	47	46	46	231	761	761	9.43	8.81
	GRADE	A+	A	A	A	A		A+		A+	A+	A+	A+	A+					PASSED & PROMOTED
18030480016	FIN / EXT	65	65	63	65	65		65	388	23	22	21	22	23	111				
KAMAL KUMAR	TER / INT	30	30	28	30	30		30	178	23	21	20	21	24	109				
	TOTAL	95	95	91	95	95		95	566	46	43	41	43	47	220	786	786	9.86	9.34
	GRADE	A+	A+	A+	A+	A+		A+		A+	A	A	A	A+					PASSED & PROMOTED
18030480017	FIN / EXT	60	62	60	61	62		62	367	23	23	20	23	24	113				
KUMAR ARYAN	TER / INT	28	30	28	29	30		30	175	23	24	18	23	25	113				
	TOTAL	88	92	88	90	92		92	542	46	47	38	46	49	226	768	768	9.62	8.72
	GRADE	A	A+	A	A+	A+		A+		A+	A+	B+	A+	A+					PASSED & PROMOTED
18030480018	FIN / EXT	56	56	54	51	50		56	323	22	21	21	22	22	108				
MADHURI HANSDA	TER / INT	30	30	28	26	25		30	169	23	21	21	23	24	112				
	TOTAL	86	86	82	77	75		86	492	45	42	42	45	46	220	712	712	8.90	7.48
	GRADE	A	A	A	B+	B+		A		A+	A	A	A+	A+					PASSED & PROMOTED
18030480019	FIN / EXT	62	63	61	61	63		61	371	21	22	18	22	22	105				
MALAY MRINAL	TER / INT	29	30	28	28	30		28	173	21	24	15	23	24	107				
	TOTAL	91	93	89	89	93		89	544	42	46	33	45	46	212	756	756	9.52	8.77
	GRADE	A+	A+	A	A	A+		A		A	A+	B	A+	A+					PASSED & PROMOTED
18030480020	FIN / EXT	55	56	55	55	49		55	325	19	20	20	21	18	98				
MEGHRAJ MUNDA	TER / INT	28	29	28	28	23		28	164	19	21	21	23	17	101				
	TOTAL	83	85	83	83	72		83	489	38	41	41	44	35	199	688	688	8.71	7.67
	GRADE	A	A	A	A	B+		A		B+	A	A	A	B+					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 4TH SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION-2020
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Pages : 3 of 5

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	IT401	CS401	CS402	CS403	BSC401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks	
Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6	21					
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	25	125	545					
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	25	125	305					
Subject Total		100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-	-							
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335					
18030480021 NEERAV	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	57 30 87 A	55 28 83 A	57 30 87 A	57 30 87 A		57 30 87 A	340 178 518 A	21 21 42 A	21 21 42 A	19 17 36 B+	22 23 45 A+	21 21 42 A	104 103 207	725	725	9.00	7.75	PASSED & PROMOTED
18030480022 NIRAJ KUMAR NAYAK	FIN / EXT TER / INT TOTAL GRADE	55 30 85 A	46 22 68 B	49 25 74 B+	47 23 70 B+	40 17 57 C+		49 25 74 B+	286 142 428	19 20 39 B+	20 21 41 A	17 15 32 B	21 23 44 A	19 20 39 B+	96 99 195	623	623	7.76	7.08	PASSED & PROMOTED
18030480023 PALLAVI PRIYA	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	57 30 87 A	55 28 83 A	54 27 81 A	57 30 87 A		57 30 87 A	337 175 512	22 23 45 A+	21 21 42 A	19 17 36 B+	22 23 45 A+	22 23 45 A+	106 107 213	725	725	9.14	7.85	PASSED & PROMOTED
18030480024 PRADIP KUMAR KISKU	FIN / EXT TER / INT TOTAL GRADE	53 27 80 A	56 30 86 A	54 28 82 A	51 26 77 B+	48 23 71 B+		51 26 77 B+	313 160 473	19 19 38 B+	20 21 41 A	17 15 32 B	21 23 44 A	20 21 41 A	97 99 196	669	669	8.57	7.33	PASSED & PROMOTED
18030480025 PRAKASH TUDU	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	54 30 84 A	52 28 80 A	53 29 82 A	47 24 71 B+		53 29 82 A	312 169 481	18 19 37 B+	19 21 40 A	16 15 31 B	20 23 43 A	19 21 40 A	92 99 191	672	672	8.71	7.14	PASSED & PROMOTED
18030480026 PRATYUSH PRASAD	FIN / EXT TER / INT TOTAL GRADE	59 30 89 A	59 30 89 A	57 28 85 A	56 27 83 A	59 30 89 A		59 30 89 A	349 175 524	23 23 46 A+	23 24 47 A+	20 18 38 B+	22 21 43 A	23 23 46 A+	111 109 220	744	744	9.14	8.58	PASSED & PROMOTED
18030480027 RANGEETA KUMARI	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	56 29 85 A	55 28 83 A	49 23 72 B+	57 30 87 A		57 30 87 A	331 170 501	19 19 38 B+	20 21 41 A	18 18 36 B+	21 23 44 A	20 21 41 A	98 102 200	701	701	8.76	7.41	PASSED & PROMOTED
18030480028 RANJEET SINGH MUNDA	FIN / EXT TER / INT TOTAL GRADE	58 30 88 A	58 30 88 A	56 28 84 A	53 26 79 B+	58 30 88 A		57 29 86 A	340 173 513	20 19 39 B+	21 21 42 A	18 16 34 B	21 21 42 A	20 20 40 A	100 97 197	710	710	8.71	7.88	PASSED & PROMOTED
18030480029 RISHAB MALLICK	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	63 30 93 A+	61 28 89 A	61 28 89 A	63 30 93 A+		63 30 93 A+	374 176 550	23 23 46 A+	23 24 47 A+	22 22 44 A	22 22 44 A	23 24 47 A+	113 115 228	778	778	9.62	8.98	PASSED & PROMOTED
18030480030 ROSHAN KUMAR	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	60 30 90 A+	58 28 86 A	55 26 81 A	60 30 90 A+		60 30 90 A+	353 174 527	21 22 43 A	21 21 42 A	18 15 33 B	21 22 43 A	20 20 40 A	101 100 201	728	728	9.33	8.64	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= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		IT401	CS401	CS402	CS403	BSC401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq	A+																			
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	1	2	6	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					
18030480031	FIN / EXT	61	61	59	59	61	60	361	22	22	20	21	20	105						
ROSHAN KUMAR SINGH	TER / INT	30	30	28	28	30	29	175	23	24	19	21	20	107						
	TOTAL	91	91	87	87	91	89	536	45	46	39	42	40	212	748	748	9.48	8.60	PASSED & PROMOTED	
	GRADE	A+	A+	A	A	A+	A		A+	A+	B+	A	A							
18030480032	FIN / EXT	62	62	60	61	62	61	368	23	23	23	23	23	115						
RUMMAN AKHTAR	TER / INT	30	30	28	29	30	29	176	23	24	24	23	23	117						
	TOTAL	92	92	88	90	92	90	544	46	47	47	46	46	232	776	776	9.86	9.19	PASSED & PROMOTED	
	GRADE	A+	A+	A	A+	A+	A+		A+	A+	A+	A+	A+							
18030480033	FIN / EXT	56	58	56	56	52	55	333	21	21	18	22	22	104						
RUPESH KUMAR PASWAN	TER / INT	28	30	28	28	25	27	166	21	21	15	23	23	103						
	TOTAL	84	88	84	84	77	82	499	42	42	33	45	45	207	706	706	8.90	7.79	PASSED & PROMOTED	
	GRADE	A	A	A	A	B+	A		A	A	B	A+	A+							
18030480034	FIN / EXT	51	50	46	42	51	50	290	22	21	18	21	22	104						
SANDESH MARDI	TER / INT	30	29	26	22	30	29	166	23	21	15	22	23	104						
	TOTAL	81	79	72	64	81	79	456	45	42	33	43	45	208	664	664	8.48	7.10	PASSED & PROMOTED	
	GRADE	A	B+	B+	B	A	B+		A+	A	B	A	A+							
18030480035	FIN / EXT	57	56	56	52	53	57	331	22	22	18	21	22	105						
SHEKHAR KARMALI	TER / INT	29	28	28	25	26	29	165	23	23	16	22	24	108						
	TOTAL	86	84	84	77	79	86	496	45	45	34	43	46	213	709	709	8.81	8.07	PASSED & PROMOTED	
	GRADE	A	A	A	B+	B+	A		A+	A+	B	A	A+							
18030480036	FIN / EXT	58	58	56	55	58	58	343	22	21	21	21	21	106						
SRIANSU CHOUDHARY	TER / INT	30	30	28	27	30	30	175	23	21	21	22	22	109						
	TOTAL	88	88	84	82	88	88	518	45	42	42	43	43	215	733	733	9.05	8.40	PASSED & PROMOTED	
	GRADE	A	A	A	A	A	A		A+	A	A	A	A							
18030480037	FIN / EXT	62	62	59	62	53	61	359	22	23	19	22	23	109						
SRIYANSH RAJ	TER / INT	30	30	27	30	22	29	168	21	24	15	21	24	105						
	TOTAL	92	92	86	92	75	90	527	43	47	34	43	47	214	741	741	9.33	8.72	PASSED & PROMOTED	
	GRADE	A+	A+	A	A+	B+	A+		A	A+	B	A	A+							
18030480038	FIN / EXT	61	61	59	60	61	59	361	23	23	20	22	23	111						
SUBHAM	TER / INT	30	30	28	29	30	28	175	23	23	18	21	24	109						
	TOTAL	91	91	87	89	91	87	536	46	46	38	43	47	220	756	756	9.57	8.71	PASSED & PROMOTED	
	GRADE	A+	A+	A	A	A+	A		A+	A+	B+	A	A+							
18030480039	FIN / EXT	49	52	50	52	52	51	306	21	22	18	21	21	103						
SURAJ KUMAR MAHTO	TER / INT	27	30	28	30	30	29	174	21	24	15	21	22	103						
	TOTAL	76	82	78	82	82	80	480	42	46	33	42	43	206	686	686	8.67	7.16	PASSED & PROMOTED	
	GRADE	B+	A	B+	A	A	A		A	A+	B	A	A							
18030480040	FIN / EXT	58	57	56	56	49	56	332	20	22	18	22	20	102						
TANZEEM AKHTER	TER / INT	30	29	28	28	22	28	165	19	24	15	23	20	101						
	TOTAL	88	86	84	84	71	84	497	39	46	33	45	40	203	700	700	8.81	7.93	PASSED & PROMOTED	
	GRADE	A	A	A	A	B+	A		B+	A+	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
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B.TECH 4TH SEMESTER IN INFORMATION TECHNOLOGY EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 5 of 5

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	IT401	CS401	CS402	CS403	BSC401	EN401 / IT402	TOTAL THEORY	CS401P	CS402P	CS403P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		Course Credit Point		3	3	3	3	3	0	15	1	1	1	1	2	6			
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				
18030480041 UPASANA BHARTI	FIN / EXT TER / INT TOTAL GRADE	54 29 83 A	55 30 85 A	52 27 79 B+	50 26 76 B+	52 27 79 B+		55 30 85 A	318 169 487 A	20 20 40 A	21 21 42 A	18 15 33 B	21 22 43 A	22 23 45 A+	102 101 203 690	690	8.57	7.74	PASSED & PROMOTED
18030485001 ANKESH KUMAR	FIN / EXT TER / INT TOTAL GRADE	52 29 81 A	53 30 83 A	51 28 79 B+	50 27 77 B+	50 27 77 B+		51 28 79 B+	307 169 476 B+	19 20 39 B+	21 24 45 A+	17 15 32 B	21 23 44 A	19 20 39 B+	97 102 199 675	675	8.38	6.86	PASSED & PROMOTED
18030485002 ANU KUMARI	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	61 30 91 A+	59 28 87 A	61 30 91 A+	61 30 91 A+		61 30 91 A+	364 178 542 A	21 22 43 A	22 23 45 A+	21 22 43 A	21 24 46 A+	22 24 46 A+	107 112 219 761	761	9.71	8.69	PASSED & PROMOTED
18030485003 GOLDI KUMARI	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	59 30 89 A	56 27 83 A	54 26 80 A	58 29 87 A		56 27 83 A	341 168 509 A	20 21 41 A	21 23 44 A	19 19 38 B+	21 23 44 A	19 20 39 B+	100 106 206 715	715	8.86	8.22	PASSED & PROMOTED
18030485004 MANISH KUMAR MAHATO	FIN / EXT TER / INT TOTAL GRADE	55 30 85 A	55 30 85 A	53 28 81 A	48 24 72 B+	48 24 72 B+		53 28 81 A	312 164 476 A	21 23 44 A	21 23 44 A	17 15 32 B	20 21 41 A	21 24 45 A+	100 106 206 682	682	8.71	7.38	PASSED & PROMOTED
18030485005 PUJA KUMARI	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	57 30 87 A	55 28 83 A	48 22 70 B+	57 30 87 A		57 30 87 A	331 170 501 A	20 22 42 A	21 23 44 A	19 20 39 B+	21 23 44 A	20 22 42 A	101 110 211 712	712	8.81	7.84	PASSED & PROMOTED
18030485006 AMANDEEP SINGH	FIN / EXT TER / INT TOTAL GRADE	68 30 98 A+	68 30 98 A+	66 28 94 A+	63 26 89 A	68 30 98 A+		68 30 98 A+	401 174 575 A+	22 21 43 A	23 23 46 A+	21 20 41 A	23 23 46 A+	23 23 46 A+	112 110 222 797	797	9.76	9.79	PASSED & PROMOTED
18030485007 RAJ KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	69 30 99 A+	67 28 95 A+	62 24 86 A	69 30 99 A+		69 30 99 A+	405 172 577 A+	22 22 44 A	23 23 46 A+	23 23 46 A+	23 23 46 A+	22 22 44 A	113 113 226 803	803	9.71	9.67	PASSED & PROMOTED
18030485008 RUCHI KUMARI GUPTA	FIN / EXT TER / INT TOTAL GRADE	68 30 98 A+	67 29 96 A+	65 27 92 A+	60 23 83 A	68 30 98 A+		67 29 96 A+	395 168 563 A+	23 23 46 A+	23 23 46 A+	20 18 38 B+	23 23 46 A+	23 24 47 A+	112 111 223 786	786	9.76	9.67	PASSED & PROMOTED
18030485009 PUJA KUMARI	FIN / EXT TER / INT TOTAL GRADE	66 30 96 A+	66 30 96 A+	64 28 92 A+	52 18 70 B+	66 30 96 A+		66 30 96 A+	380 166 546 A+	20 20 40 A	22 23 45 A+	19 17 36 B+	21 22 43 A	21 21 42 A	103 103 206 752	752	9.43	9.50	PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 1 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC401	EC402	EE403	EE404	CS301	EN401	IT402	TOTAL THEORY	EC401P	EC402P	EE404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	90% \geq A+	3	3	3	3	3	0	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	80% - 89% A	70	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	30	180	25	25	25	25	25	125	305				
Subject Total	60% - 69% B	100	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	21		-	-	-	-	-						
Pass Marks - Subject	35% - 49% C	35	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	<35% F																			
18030460001 AAMIR ALAM	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	63 30 93 A+	63 30 93 A+	63 30 93 A+	61 28 89 A		63 30 93 A+	376 178 554	21 19 40 A	22 21 43 A	21 19 40 A	23 23 46 A+	19 16 35 B+	106 98 204	758	758	9.52	8.92	PASSED & PROMOTED
18030460002 ABHINAV PRAKASH	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	58 28 86 A	59 29 88 A	54 25 79 B+	58 28 86 A		59 29 88 A	347 168 515	20 20 40 A	19 17 36 B+	17 14 31 B	22 23 45 A+	21 22 43 A	99 96 195	710	710	8.76	8.33	PASSED & PROMOTED
18030460003 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 30 85 A	52 27 79 B+	55 30 85 A	55 30 85 A	53 28 81 A		55 30 85 A	325 175 500	19 19 38 B+	18 18 36 B+	18 17 35 B+	20 21 41 A	17 16 33 B	92 91 183	683	683	8.52	7.41	PASSED & PROMOTED
18030460004 ABHISHEK PANDEY	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	61 30 91 A+	61 30 91 A+	61 30 91 A+	59 28 87 A		61 30 91 A+	364 178 542	19 17 36 B+	20 20 40 A	17 14 31 B	21 22 43 A	18 15 33 B	95 88 183	725	725	9.24	8.25	PASSED & PROMOTED
18030460005 ABHISHEK RANJAN	FIN / EXT TER / INT TOTAL GRADE	61 29 90 A+	62 30 92 A+	62 30 92 A+	61 29 90 A+	60 28 88 A		61 29 90 A+	367 175 542	20 19 39 B+	21 22 43 A	21 21 42 A	22 23 45 A+	21 22 43 A	105 107 212	754	754	9.57	8.64	PASSED & PROMOTED
18030460006 ABHISHEK SOREN	FIN / EXT TER / INT TOTAL GRADE	51 30 81 A	51 30 81 A	51 30 81 A	51 30 81 A	49 28 77 B+		51 30 81 A	304 178 482	17 16 33 B	18 17 35 B+	19 19 38 B+	21 23 44 A	17 15 32 B	92 90 182	664	664	8.48	6.66	PASSED & PROMOTED
18030460007 ADARSH KUMAR SINHA	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	59 29 88 A	60 30 90 A+	59 29 88 A	58 28 86 A		59 29 88 A	354 174 528	21 22 43 A	21 21 42 A	19 18 37 B+	22 23 45 A+	21 22 43 A	104 106 210	738	738	9.14	8.42	PASSED & PROMOTED
18030460008 ADITAYA BURNWAL	FIN / EXT TER / INT TOTAL GRADE	58 28 86 A	59 29 88 A	59 29 88 A	58 28 86 A	58 28 86 A		59 29 88 A	351 171 522	21 21 42 A	20 20 40 A	20 20 40 A	22 23 45 A+	21 22 43 A	104 106 210	732	732	9.05	8.06	PASSED & PROMOTED
18030460009 ADITI VIDUSHI	FIN / EXT TER / INT TOTAL GRADE	56 28 84 A	57 29 86 A	56 28 84 A	56 28 84 A	56 28 84 A		57 29 86 A	338 170 508	21 21 42 A	19 18 37 B+	21 21 42 A	22 23 45 A+	21 22 43 A	104 105 209	717	717	9.00	7.96	PASSED & PROMOTED
18030460010 AJAY KUMAR RAJAK	FIN / EXT TER / INT TOTAL GRADE	39 19 58 C+	50 28 78 B+	50 28 78 B+	50 28 78 B+	46 25 71 B+		50 28 78 B+	285 156 441	17 16 33 B	18 17 35 B+	18 18 36 B+	21 23 44 A	17 16 33 B	91 90 181	622	622	7.62	6.76	PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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 (Computer Generated,If any error occurs that will be rectified)

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B.TECH 4TH SEMESTER IN ELECTRONICS & COMMUNICATION ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 2 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC401	EC402	EE403	EE404	CS301	EN401	IT402	TOTAL THEORY	EC401P	EC402P	EE404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
Course Credit Point	90% \geq A+	3	3	3	3	3	0	0	15	1	1	1	1	2	6	21					
Full Marks - Final / Ext.	80% - 89% A	70	70	70	70	70	70	70	420	25	25	25	25	25	125	545		SGPA	CGPA	Remarks	
Full Marks - Ter. / Int.	70% - 79% B+	30	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	100	600	50	50	50	50	50	250	850	850				
Pass Marks - Fin. Ext.	50% - 59% C+	21	21	21	21	21	21	21		-	-	-	-	-							
Pass Marks - Subject	35% - 49% C	35	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
	<35% F																				
18030460011 ANNU KUMARI	FIN / EXT TER / INT TOTAL GRADE	65 30 95 A+	65 30 95 A+	63 28 91 A+	65 30 95 A+	63 28 91 A+		65 30 95 A+	386 176 562	20 19 39 B+	20 19 39 B+	19 18 37 B+	22 23 45 A+	20 19 39 B+	101 98 199	761	761	9.52	9.07	PASSED & PROMOTED	
18030460012 ANSHAY ADHAYAYN	FIN / EXT TER / INT TOTAL GRADE	55 27 82 A	57 29 86 A	56 28 84 A	55 27 82 A	55 27 82 A		57 29 86 A	335 167 502	17 16 33 B	21 23 44 A	19 20 39 B+	20 22 42 A	19 19 38 B+	96 100 196	698	698	8.76	7.90	PASSED & PROMOTED	
18030460013 ANSHU KUMARI	FIN / EXT TER / INT TOTAL GRADE	62 28 90 A+	63 29 92 A+	62 28 90 A+	62 28 90 A+	62 28 90 A+		63 29 92 A+	374 170 544	21 19 40 A	20 17 37 B+	21 20 41 A	22 22 44 A	22 22 44 A	106 100 206	750	750	9.67	9.15	PASSED & PROMOTED	
18030460014 ANUSHKA PRASAD	FIN / EXT TER / INT TOTAL GRADE	62 29 91 A+	63 30 93 A+	62 29 91 A+	62 29 91 A+	61 28 89 A		62 29 91 A+	372 174 546	21 19 40 A	21 19 40 A	21 20 41 A	23 23 46 A+	22 22 44 A	108 103 211	757	757	9.62	8.49	PASSED & PROMOTED	
18030460015 CHAHAT RAJ	FIN / EXT TER / INT TOTAL GRADE	59 30 89 A	59 30 89 A	59 30 89 A	59 30 89 A	57 28 85 A		59 30 89 A	352 178 530	20 19 39 B+	19 18 37 B+	17 14 31 B	21 22 43 A	18 15 33 B	95 88 183	713	713	8.62	8.13	PASSED & PROMOTED	
18030460016 DEVANSHU RAJ	FIN / EXT TER / INT TOTAL GRADE	55 27 82 A	56 28 84 A	53 26 79 B+	52 25 77 B+	55 27 82 A		57 29 86 A	328 162 490	18 17 35 B+	19 19 38 B+	19 19 38 B+	20 22 42 A	17 15 32 B	93 92 185	675	675	8.38	7.53	PASSED & PROMOTED	
18030460017 DIVYANSHU RAJ	FIN / EXT TER / INT TOTAL GRADE	58 27 85 A	56 26 82 A	56 26 82 A	55 25 80 A	59 28 87 A		60 29 89 A	344 161 505	20 17 37 B+	23 23 46 A+	22 22 44 A	23 23 46 A+	19 15 34 B	107 100 207	712	712	8.86	8.34	PASSED & PROMOTED	
18030460018 GAURAV KUMAR	FIN / EXT TER / INT TOTAL GRADE	67 30 97 A+	67 30 97 A+	67 30 97 A+	67 30 97 A+	66 29 95 A+		67 30 97 A+	401 179 580	22 22 44 A	20 17 37 B+	22 22 44 A	23 24 47 A+	22 21 43 A	109 106 215	795	795	9.71	9.11	PASSED & PROMOTED	
18030460019 GOVIND KUMAR YADAV	FIN / EXT TER / INT TOTAL GRADE	61 29 90 A+	62 30 92 A+	62 30 92 A+	61 29 90 A+	60 28 88 A		61 29 90 A+	367 175 542	20 19 39 B+	21 21 42 A	20 20 40 A	22 24 46 A+	18 15 33 B	101 99 200	742	742	9.38	8.56	PASSED & PROMOTED	
18030460020 HARSH SINHA	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	59 30 89 A	58 29 87 A	58 29 87 A	57 28 85 A		58 29 87 A	348 174 522	19 17 36 B+	21 21 42 A	20 19 39 B+	22 24 46 A+	20 19 39 B+	102 100 202	724	724	8.86	7.80	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	EC401	EC402	EE403	EE404	CS301	EN401	IT402	TOTAL THEORY	EC401P	EC402P	EE404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point		3	3	3	3	3	0	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.		70	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.		30	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total		100	100	100	100	100	100	100	600	50	50	50	50	50	250	850				
Pass Marks - Fin. Ext.		21	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030460021 JAGRITI KUMARI	FIN / EXT TER / INT TOTAL GRADE	58 28 86 A	58 28 86 A	57 27 84 A	58 28 86 A	58 28 86 A		59 29 88 A	348 168 516	19 20 39 B+	18 17 35 B+	19 20 39 B+	20 22 42 A	19 20 39 B+	95 99 194	710	710	8.76	7.70	PASSED & PROMOTED
18030460022 JOHNSON ORAON	FIN / EXT TER / INT TOTAL GRADE	49 29 78 B+	48 28 76 B+	49 29 78 B+	49 29 78 B+	48 28 76 B+		49 29 78 B+	292 172 464	19 17 36 B+	21 21 42 A	19 18 37 B+	21 22 43 A	18 16 34 B	98 94 192	656	656	8.00	6.52	PASSED & PROMOTED
18030460023 KRISHNA MODI	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	61 30 91 A+	61 30 91 A+	61 30 91 A+	59 28 87 A		61 30 91 A+	364 178 542	22 21 43 A	20 18 38 B+	20 17 37 B+	23 23 46 A+	21 20 41 A	106 99 205	747	747	9.52	8.21	PASSED & PROMOTED
18030460024 KRISHNA TIRKEY	FIN / EXT TER / INT TOTAL GRADE	54 29 83 A	53 28 81 A	54 29 83 A	54 29 83 A	53 28 81 A		54 29 83 A	322 172 494	18 18 36 B+	18 17 35 B+	19 19 38 B+	21 24 45 A+	17 15 32 B	93 93 186	680	680	8.71	7.12	PASSED & PROMOTED
18030460025 KUNAL KUMAR	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	54 30 84 A	53 29 82 A	53 29 82 A	53 29 82 A		53 29 82 A	319 175 494	19 20 39 B+	18 17 35 B+	16 14 30 B	21 24 45 A+	17 15 32 B	91 90 181	675	675	8.67	6.65	PASSED & PROMOTED
18030460026 MD RAGHIB AHMAD	FIN / EXT TER / INT TOTAL GRADE	54 29 83 A	55 30 85 A	54 29 83 A	54 29 83 A	54 29 83 A		54 29 83 A	325 175 500	18 16 34 B	19 18 37 B+	18 16 34 B	22 23 45 A+	19 17 36 B+	96 90 186	686	686	8.71	7.48	PASSED & PROMOTED
18030460027 NANDANI KUMARI	FIN / EXT TER / INT TOTAL GRADE	60 29 89 A	56 26 82 A	60 29 89 A	60 29 89 A	60 29 89 A		60 29 89 A	356 171 527	18 18 36 B+	18 17 35 B+	19 19 38 B+	21 23 44 A	18 17 35 B+	94 94 188	715	715	8.76	8.80	PASSED & PROMOTED
18030460029 NIKHIL KUMAR	FIN / EXT TER / INT TOTAL GRADE	55 30 85 A	54 29 83 A	55 30 85 A	55 30 85 A	47 23 70 B+		55 30 85 A	321 172 493	20 20 40 A	19 18 37 B+	20 20 40 A	22 23 45 A+	21 22 43 A	102 103 205	698	698	8.86	7.67	PASSED & PROMOTED
18030460031 PAWAN KUMAR ORAON	FIN / EXT TER / INT TOTAL GRADE	56 30 86 A	56 30 86 A	56 30 86 A	56 30 86 A	54 28 82 A		56 30 86 A	334 178 512	18 18 36 B+	18 17 35 B+	18 18 36 B+	20 21 41 A	17 15 32 B	91 89 180	692	692	8.67	7.37	PASSED & PROMOTED
18030460032 POOJA KUMARI	FIN / EXT TER / INT TOTAL GRADE	62 29 91 A+	63 30 93 A+	62 29 91 A+	62 29 91 A+	61 28 89 A		62 29 91 A+	372 174 546	21 21 42 A	20 19 39 B+	20 20 40 A	22 24 46 A+	20 20 40 A	103 104 207	753	753	9.57	8.76	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 4TH SEMESTER IN ELECTRONICS & COMMUNICATION ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 4 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC401	EC402	EE403	EE404	CS301	EN401	IT402	TOTAL THEORY	EC401P	EC402P	EE404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	90% \geq A+	3	3	3	3	3	0	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	80% - 89% A	70	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	30	180	25	25	25	25	25	125	305				
Subject Total	60% - 69% B	100	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	21		-	-	-	-	-						
Pass Marks - Subject	35% - 49% C	35	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	<35% F																			
18030460033 PRAKASH KUMAR RAJAK	FIN / EXT TER / INT TOTAL GRADE	52 27 79 B+	54 29 83 A	52 27 79 B+	50 26 76 B+	52 27 79 B+		54 29 83 A	314 165 479	19 18 37 B+	20 20 40 A	18 16 34 B	22 23 45 A+	18 15 33 B	97 92 189	668	668	8.14	7.07	PASSED & PROMOTED
18030460034 PRAMOD KUMAR MAHTO	FIN / EXT TER / INT TOTAL GRADE	38 27 65 B	34 24 58 C+	38 27 65 B	38 27 65 B	38 27 65 B		40 29 69 B	226 161 387	13 18 31 B	13 17 30 B	12 15 27 C+	15 22 37 B+	12 15 27 C+	65 87 152	539	539	6.76	3.95	NOT PROMOTED
18030460035 PRAVEEN MARANDI	FIN / EXT TER / INT TOTAL GRADE	46 26 72 B+	50 29 79 B+	46 26 72 B+	48 27 75 B+	48 27 75 B+		50 29 79 B+	288 164 452	18 18 36 B+	18 17 35 B+	21 23 44 A	20 22 42 A	17 16 33 B	94 96 190	642	642	8.00	6.51	PASSED & PROMOTED
18030460037 PRIYANSHU MISHRA	FIN / EXT TER / INT TOTAL GRADE	58 28 86 A	58 28 86 A	59 29 88 A	58 28 86 A	58 28 86 A		59 29 88 A	350 170 520	19 18 37 B+	21 22 43 A	22 24 46 A+	21 22 43 A	21 22 43 A	104 108 212	732	732	9.00	8.32	PASSED & PROMOTED
18030460038 RAMGOPAL HEMBRAM	FIN / EXT TER / INT TOTAL GRADE	54 30 84 A	54 30 84 A	54 30 84 A	54 30 84 A	49 26 75 B+		54 30 84 A	319 176 495	17 15 32 B	18 17 35 B+	18 17 35 B+	20 22 42 A	18 17 35 B+	91 88 179	674	674	8.57	7.01	PASSED & PROMOTED
18030460039 RINA KUMARI	FIN / EXT TER / INT TOTAL GRADE	61 29 90 A+	62 30 92 A+	61 29 90 A+	61 29 90 A+	61 29 90 A+		61 29 90 A+	367 175 542	18 18 36 B+	18 18 36 B+	19 19 38 B+	20 22 42 A	18 17 35 B+	93 94 187	729	729	9.48	8.86	PASSED & PROMOTED
18030460041 ROHIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	63 30 93 A+	63 30 93 A+	63 30 93 A+	60 27 87 A		63 30 93 A+	375 177 552	18 17 35 B+	18 18 36 B+	18 18 36 B+	21 23 44 A	18 17 35 B+	93 93 186	738	738	9.33	8.65	PASSED & PROMOTED
18030460042 SACHIN KUMAR SINHA	FIN / EXT TER / INT TOTAL GRADE	62 29 91 A+	62 29 91 A+	63 30 93 A+	62 29 91 A+	58 26 84 A		62 29 91 A+	369 172 541	18 16 34 B	21 21 42 A	19 18 37 B+	21 22 43 A	20 20 40 A	99 97 196	737	737	9.43	8.84	PASSED & PROMOTED
18030460043 SANDEEPA TOPPO	FIN / EXT TER / INT TOTAL GRADE	58 30 88 A	58 30 88 A	58 30 88 A	58 30 88 A	56 28 84 A		58 30 88 A	346 178 524	18 18 36 B+	19 19 38 B+	19 19 38 B+	20 22 42 A	21 23 44 A	97 101 198	722	722	8.86	7.71	PASSED & PROMOTED
18030460044 SATYA KUMARI	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	58 29 87 A	58 29 87 A	58 29 87 A	57 28 85 A		58 29 87 A	347 173 520	20 19 39 B+	19 18 37 B+	20 20 40 A	21 22 43 A	21 21 42 A	101 100 201	721	721	8.90	8.10	PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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Pages : 5 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC401	EC402	EE403	EE404	CS301	EN401	IT402	TOTAL THEORY	EC401P	EC402P	EE404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	90% \geq A+	3	3	3	3	3	0	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	80% - 89% A	70	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	30	180	25	25	25	25	25	125	305				
Subject Total	60% - 69% B	100	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	21		-	-	-	-	-						
Pass Marks - Subject	35% - 49% C	35	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	<35% F																			
18030460045 SATYA PRAKASH	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	60 30 90 A+	59 29 88 A	59 29 88 A	58 28 86 A		59 29 88 A	354 174 528	20 19 39 B+	21 21 42 A	20 20 40 A	21 22 43 A	18 15 33 B	100 97 197	725	725	8.90	8.28	PASSED & PROMOTED
18030460046 SHAILESH AANAND	FIN / EXT TER / INT TOTAL GRADE	56 28 84 A	55 27 82 A	56 28 84 A	56 28 84 A	58 30 88 A		57 29 86 A	338 170 508	21 21 42 A	21 22 43 A	22 24 46 A+	22 23 45 A+	22 24 46 A+	108 114 222	730	730	9.19	7.84	PASSED & PROMOTED
18030460047 SHASWAT ANAND	FIN / EXT TER / INT TOTAL GRADE	64 29 93 A+	65 30 95 A+	64 29 93 A+	64 29 93 A+	63 28 91 A+		64 29 93 A+	384 174 558	22 22 44 A	21 19 40 A	21 19 40 A	23 23 46 A+	22 22 44 A	109 105 214	772	772	9.76	9.24	PASSED & PROMOTED
18030460048 SHIKHA RANI	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	58 30 88 A	57 29 86 A	57 29 86 A	56 28 84 A		57 29 86 A	342 174 516	18 17 35 B+	18 17 35 B+	20 21 41 A	21 23 44 A	17 15 32 B	94 93 187	703	703	8.71	7.86	PASSED & PROMOTED
18030460049 SHITAL SAKSHI	FIN / EXT TER / INT TOTAL GRADE	56 28 84 A	57 29 86 A	56 28 84 A	56 28 84 A	56 28 84 A		57 29 86 A	338 170 508	21 19 40 A	20 18 38 B+	21 20 33 B	23 23 46 A+	19 15 34 B	104 95 199	707	707	8.81	8.13	PASSED & PROMOTED
18030460050 SHIVLAL SHIVA SOREN	FIN / EXT TER / INT TOTAL GRADE	56 28 84 A	55 27 82 A	56 28 84 A	56 28 84 A	55 27 82 A		57 29 86 A	335 167 502	18 18 36 B+	19 19 38 B+	17 16 33 B	20 22 42 A	17 15 32 B	91 90 181	683	683	8.62	7.56	PASSED & PROMOTED
18030460051 SUBHABRATA ROY	FIN / EXT TER / INT TOTAL GRADE	56 27 83 A	58 29 87 A	57 28 85 A	54 26 80 A	56 27 83 A		58 29 87 A	339 166 505	19 17 36 B+	20 19 39 B+	20 20 40 A	21 22 43 A	22 23 45 A+	102 101 203	708	708	9.00	8.14	PASSED & PROMOTED
18030460052 SUDHA TUDDU	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	55 27 82 A	57 29 86 A	57 29 86 A	56 28 84 A		57 29 86 A	339 171 510	18 18 36 B+	18 18 36 B+	20 21 41 A	20 22 42 A	19 20 39 B+	95 99 194	704	704	8.81	7.85	PASSED & PROMOTED
18030460053 SURAJ ORAON	FIN / EXT TER / INT TOTAL GRADE	53 28 81 A	53 28 81 A	53 28 81 A	53 28 81 A	53 28 81 A		54 29 83 A	319 169 488	18 18 36 B+	19 19 38 B+	18 17 35 B+	21 23 44 A	16 14 30 B	92 91 183	671	671	8.67	7.34	PASSED & PROMOTED
18030460054 VISHAL RAJAK	FIN / EXT TER / INT TOTAL GRADE	54 27 81 A	56 29 85 A	52 26 78 B+	51 25 76 B+	54 27 81 A		56 29 85 A	323 163 486	18 18 36 B+	18 18 36 B+	19 20 39 B+	21 23 44 A	16 14 30 B	92 93 185	671	671	8.38	7.82	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 4TH SEMESTER IN ELECTRONICS & COMMUNICATION ENGINEERING EXAMINATION-2020
ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 6 of 6

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)		EC401	EC402	EE403	EE404	CS301	EN401	IT402	TOTAL THEORY	EC401P	EC402P	EE404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
Course Credit Point	90% \geq A+	3	3	3	3	3	0	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	80% - 89% A	70	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	30	180	25	25	25	25	25	125	305				
Subject Total	60% - 69% B	100	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	21		-	-	-	-	-						
Pass Marks - Subject	35% - 49% C	35	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
	<35% F																			
18030465002 BASANTI SOREN	FIN / EXT TER / INT TOTAL GRADE	49 30 79 B+	47 28 75 B+	49 30 79 B+	49 30 79 B+	43 25 68 B		49 30 79 B+	286 173 459	18 18 36 B+	18 17 35 B+	18 17 35 B+	20 21 41 A	18 18 36 B+	92 91 183	642	642	7.90	6.05	PASSED & PROMOTED
18030465003 DOLLY ANGEL SOREN	FIN / EXT TER / INT TOTAL GRADE	53 30 83 A	53 30 83 A	53 30 83 A	53 30 83 A	51 28 79 B+		53 30 83 A	316 178 494	21 22 43 A	19 17 36 B+	19 17 36 B+	21 21 42 A	18 16 34 B	98 93 191	685	685	8.57	6.79	PASSED & PROMOTED
18030465004 KUMAR ANUPAM	FIN / EXT TER / INT TOTAL GRADE	57 29 86 A	58 30 88 A	57 29 86 A	57 29 86 A	56 28 84 A		57 29 86 A	342 174 516	20 19 39 B+	20 19 39 B+	18 16 34 B	22 24 46 A+	19 17 36 B+	99 95 194	710	710	8.76	7.98	PASSED & PROMOTED
18030465006 SANDHYA KUMARI	FIN / EXT TER / INT TOTAL GRADE	57 30 87 A	57 30 87 A	57 30 87 A	57 30 87 A	55 28 83 A		57 30 87 A	340 178 518	20 19 39 B+	18 15 33 B	20 19 39 B+	22 23 45 A+	17 14 31 B	97 90 187	705	705	8.67	8.00	PASSED & PROMOTED
18030465007 SUSHMITA MANDAL	FIN / EXT TER / INT TOTAL GRADE	59 30 89 A	59 30 89 A	59 30 89 A	59 30 89 A	54 26 80 A		59 30 89 A	349 176 525	18 16 34 B	19 17 36 B+	20 20 40 A	21 21 42 A	18 15 33 B	96 89 185	710	710	8.67	8.05	PASSED & PROMOTED
18030465009 FARID RAZA	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	69 30 99 A+	69 30 99 A+	69 30 99 A+	67 28 95 A+		69 30 99 A+	412 178 590	21 22 43 A	19 17 36 B+	21 21 42 A	21 22 43 A	21 21 42 A	103 103 206	796	796	9.67	9.67	PASSED & PROMOTED
18030465010 RASHI GOYAL	FIN / EXT TER / INT TOTAL GRADE	69 30 99 A+	68 29 97 A+	69 30 99 A+	69 30 99 A+	67 28 95 A+		69 30 99 A+	411 177 588	19 18 37 B+	18 15 33 B	18 16 34 B	20 20 40 A	19 18 37 B+	94 87 181	769	769	9.38	9.55	PASSED & PROMOTED
18030465011 CHHOTE LAL MAHATO	FIN / EXT TER / INT TOTAL GRADE	62 28 90 A+	61 27 88 A	63 29 92 A+	63 29 92 A+	59 26 85 A		63 29 92 A+	371 168 539	18 18 36 B+	17 15 32 B	17 16 33 B	19 20 39 B+	18 18 36 B+	89 87 176	715	715	9.05	8.79	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 4TH SEMESTER IN METALLURGICAL ENGINEERING EXAMINATION-2020

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

Pages : 1 of 7

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC401	EC404	MT401	MT402	MT403	MT404 / MT405	TOTAL THEORY	MT406P	MT407P	MT402P	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% ≥	A+																		
80% - 89%	A	4	3	3	3	3	0	16	1	1	1	1	4	20					
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	100	520					
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	100	280			SGPA	CGPA	
50% - 59%	C+	100	100	100	100	100	100	600	50	50	50	50	200	800	800				Remarks
35% - 49%	C	21	21	21	21	21	21		-	-	-	-							
<35%	F	35	35	35	35	35	35	210	25	25	25	25	100	310					
Course Credit Point	FIN / EXT	61	58	58	58	58	60	353	21	21	20	20	82						
Full Marks - Final / Ext.	TER / INT	30	27	27	27	27	29	167	23	24	21	22	90						
Full Marks - Ter. / Int.	TOTAL	91	85	85	85	85	89	520	44	45	41	42	172	692	692	9.25	8.40		PASSED & PROMOTED
Subject Total	GRADE	A+	A	A	A	A	A		A	A+	A	A							
Pass Marks - Fin. Ext.	FIN / EXT	57	55	55	55	53	56	331	20	20	20	20	80						
Pass Marks - Subject	TER / INT	29	27	27	27	26	28	164	21	22	22	22	87						
	TOTAL	86	82	82	82	79	84	495	41	42	42	42	167	662	662	8.85	7.81		PASSED & PROMOTED
	GRADE	A	A	A	A	B+	A		A	A	A	A							
	FIN / EXT	60	57	53	57	57	58	342	21	21	21	22	85						
	TER / INT	30	27	24	27	27	28	163	22	22	22	23	89						
	TOTAL	90	84	77	84	84	86	505	43	43	43	45	174	679	679	9.10	8.26		PASSED & PROMOTED
	GRADE	A+	A	B+	A	A	A		A	A	A	A+							
	FIN / EXT	56	56	53	56	54	57	332	19	19	20	21	79						
	TER / INT	27	27	25	27	26	28	160	19	19	21	23	82						
	TOTAL	83	83	78	83	80	85	492	38	38	41	44	161	653	653	8.75	8.18		PASSED & PROMOTED
	GRADE	A	A	B+	A	A	A		B+	B+	A	A							
	FIN / EXT	61	60	58	58	59	60	356	21	21	21	21	84						
	TER / INT	30	29	27	27	28	29	170	22	22	21	22	87						
	TOTAL	91	89	85	85	87	89	526	43	43	42	43	171	697	697	9.20	8.58		PASSED & PROMOTED
	GRADE	A+	A	A	A	A	A		A	A	A	A							
	FIN / EXT	64	63	61	62	62	62	374	22	22	21	22	87						
	TER / INT	30	29	27	28	28	28	170	24	24	22	23	93						
	TOTAL	94	92	88	90	90	90	544	46	46	43	45	180	724	724	9.80	9.00		PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A+		A+	A+	A	A+							
	FIN / EXT	63	61	61	60	61	62	368	20	20	19	21	80						
	TER / INT	30	28	28	27	28	29	170	22	22	20	23	87						
	TOTAL	93	89	89	87	89	91	538	42	42	39	44	167	705	705	9.15	8.58		PASSED & PROMOTED
	GRADE	A+	A	A	A	A	A+		A	A	B+	A							
	FIN / EXT	60	60	58	58	58	58	352	21	21	20	22	84						
	TER / INT	30	30	28	28	28	28	172	21	22	20	24	87						
	TOTAL	90	90	86	86	86	86	524	42	43	40	46	171	695	695	9.40	8.23		PASSED & PROMOTED
	GRADE	A+	A+	A	A	A	A		A	A	A	A+							
	FIN / EXT	62	59	60	59	59	60	359	21	21	21	22	85						
	TER / INT	30	27	28	27	27	28	167	22	22	21	23	88						
	TOTAL	92	86	88	86	86	88	526	43	43	42	45	173	699	699	9.25	8.53		PASSED & PROMOTED
	GRADE	A+	A	A	A	A	A		A	A	A	A+							
	FIN / EXT	59	59	54	57	57	58	344	20	20	19	21	80						
	TER / INT	30	30	26	28	28	29	171	22	22	19	23	86						
	TOTAL	89	89	80	85	85	87	515	42	42	38	44	166	681	681	8.95	7.36		PASSED & PROMOTED
	GRADE	A	A	A	A	A	A		A	A	B+	A							

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

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Pages : 2 of 7

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	BSC401	EC404	MT401	MT402	MT403	MT404 / MT405	TOTAL THEORY	MT406P	MT407P	MT402P	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
		4	3	3	3	3	0	16	1	1	1	1	4	20				
		70	70	70	70	70	70	420	25	25	25	25	100	520				
		30	30	30	30	30	30	180	25	25	25	25	100	280				
		100	100	100	100	100	100	600	50	50	50	50	200	800	800			
		21	21	21	21	21	21		-	-	-	-						
		35	35	35	35	35	35	210	25	25	25	25	100	310				
18030500011 EKLAKUR RAHMAN	FIN / EXT TER / INT TOTAL GRADE	54 25 79 B+	50 21 71 B+	55 26 81 A	58 28 86 A	57 27 84 A	54 25 79 B+	328 152 480	21 23 44 A	21 24 45 A+	21 23 44 A	21 23 44 A	84 93 177	657	657	8.70	7.89	PASSED & PROMOTED
18030500012 HIMANSHU RANJAN	FIN / EXT TER / INT TOTAL GRADE	58 28 86 A	58 28 86 A	55 26 81 A	57 27 84 A	58 28 86 A	55 26 81 A	341 163 504	21 22 43 A	21 22 43 A	20 19 39 B+	22 23 45 A+	84 86 170	674	674	9.00	7.88	PASSED & PROMOTED
18030500013 JOHN MANISH EKKA	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	59 28 87 A	56 26 82 A	59 28 87 A	59 28 87 A	60 29 89 A	354 169 523	19 19 38 B+	19 19 38 B+	19 20 39 B+	21 23 44 A	78 81 159	682	682	9.05	7.74	PASSED & PROMOTED
18030500014 KARTIK ORAON	FIN / EXT TER / INT TOTAL GRADE	56 30 86 A	55 29 84 A	51 26 77 B+	55 29 84 A	54 28 82 A	53 27 80 A	324 169 493	18 18 36 B+	18 18 36 B+	20 21 41 A	20 22 42 A	76 79 155	648	648	8.75	7.23	PASSED & PROMOTED
18030500015 KESHAB ROY	FIN / EXT TER / INT TOTAL GRADE	64 30 94 A+	63 29 92 A+	59 26 85 A	62 28 90 A+	64 30 94 A+	62 28 90 A+	374 171 545	23 23 46 A+	23 24 47 A+	23 23 46 A+	22 22 44 A	91 92 183	728	728	9.80	9.14	PASSED & PROMOTED
18030500016 LUCKY ANAND	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	61 28 89 A	61 28 89 A	61 28 89 A	63 30 93 A+	62 29 91 A+	371 173 544	22 24 46 A+	22 24 46 A+	21 22 43 A	21 22 43 A	86 92 178	722	722	9.45	8.72	PASSED & PROMOTED
18030500017 MIHIR MAJHI	FIN / EXT TER / INT TOTAL GRADE	54 30 84 A	49 26 75 B+	47 24 71 B+	51 27 78 B+	51 27 78 B+	53 29 82 A	305 163 468	18 19 37 B+	18 19 37 B+	18 20 38 B+	20 23 43 A	74 81 155	623	623	8.25	6.67	PASSED & PROMOTED
18030500018 MUKESH MARANDI	FIN / EXT TER / INT TOTAL GRADE	58 30 88 A	55 27 82 A	49 22 71 B+	55 27 82 A	55 27 82 A	57 29 86 A	329 162 491	18 18 36 B+	18 18 36 B+	18 18 36 B+	21 23 44 A	75 77 152	643	643	8.70	7.17	PASSED & PROMOTED
18030500019 MUNTAZIR ALAM	FIN / EXT TER / INT TOTAL GRADE	61 30 91 A+	59 28 87 A	56 26 82 A	58 27 85 A	59 28 87 A	58 27 85 A	351 166 517	20 22 42 A	20 22 42 A	19 20 39 B+	21 23 44 A	80 87 167	684	684	9.15	8.21	PASSED & PROMOTED
18030500020 NANDAN NAG	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	59 29 88 A	55 26 81 A	57 27 84 A	57 27 84 A	53 24 77 B+	341 163 504	22 22 44 A	22 22 44 A	22 21 43 A	23 23 46 A+	89 88 177	681	681	9.25	8.33	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.

Preparer

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Verifying Officer

Controller of Examination

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
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B.TECH 4TH SEMESTER IN METALLURGICAL ENGINEERING EXAMINATION-2020

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

Pages : 3 of 7

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC401	EC404	MT401	MT402	MT403	MT404 / MT405	TOTAL THEORY	MT406P	MT407P	MT402P	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% ≥	A+																	
80% - 89%	A																	
70% - 79%	B+	4	3	3	3	3	0	16	1	1	1	1	4	20				
60% - 69%	B	70	70	70	70	70	70	420	25	25	25	25	100	520				
50% - 59%	C+	30	30	30	30	30	30	180	25	25	25	25	100	280				
35% - 49%	C	100	100	100	100	100	100	600	50	50	50	50	200	800	800			
<35%	F	21	21	21	21	21	21	21	-	-	-	-	-	-	-			
Pass Marks - Fin. Ext.		35	35	35	35	35	35	210	25	25	25	25	100	310				
Pass Marks - Subject																		
18030500021	FIN / EXT	60	58	54	57	58	57	344	21	21	21	21	84					
NEHA KUMARI	TER / INT	30	28	25	27	28	27	165	21	22	21	22	86					
	TOTAL	90	86	79	84	86	84	509	42	43	42	43	170	679	679	9.05	8.43	PASSED & PROMOTED
	GRADE	A+	A	B+	A	A	A	A	A	A	A	A	A					
18030500022	FIN / EXT	58	51	55	55	53	53	325	21	21	21	22	85					
NILESH KUMAR NAYAN	TER / INT	30	24	27	27	26	26	160	22	22	22	23	89					
	TOTAL	88	75	82	82	79	79	485	43	43	43	45	174	659	659	8.75	7.60	PASSED & PROMOTED
	GRADE	A	B+	A	A	B+	B+	A	A	A	A	A+	A					
18030500023	FIN / EXT	60	55	53	57	55	55	335	21	21	22	22	86					
PRADEEP MOHLI	TER / INT	30	26	24	27	26	26	159	22	22	23	23	90					
	TOTAL	90	81	77	84	81	81	494	43	43	45	45	176	670	670	9.15	7.64	PASSED & PROMOTED
	GRADE	A+	A	B+	A	A	A	A	A	A	A+	A+	A					
18030500024	FIN / EXT	51	39	42	48	46	41	267	18	18	19	19	74					
PRAKASH SINGH	TER / INT	30	20	22	27	26	21	146	19	19	21	22	81					
	TOTAL	81	59	64	75	72	62	413	37	37	40	41	155	568	568	7.85	6.05	PASSED & PROMOTED
	GRADE	A	C+	B	B+	B+	B	B	B+	B+	A	A	A					
18030500025	FIN / EXT	59	59	51	56	57	57	339	19	19	19	20	77					
PRATIMA KUMARI	TER / INT	30	30	23	27	28	28	166	19	19	20	22	80					
	TOTAL	89	89	74	83	85	85	505	38	38	39	42	157	662	662	8.70	7.75	PASSED & PROMOTED
	GRADE	A	A	B+	A	A	A	A	B+	B+	B+	A	A					
18030500026	FIN / EXT	55	49	45	53	52	54	308	18	18	17	20	73					
PRAVIN MAHLI	TER / INT	30	25	21	28	27	29	160	19	19	18	23	79					
	TOTAL	85	74	66	81	79	83	468	37	37	35	43	152	620	620	8.25	7.00	PASSED & PROMOTED
	GRADE	A	B+	B	A	B+	A	A	B+	B+	B+	A	A					
18030500027	FIN / EXT	64	64	62	63	64	62	379	23	23	22	22	90					
PRIYANSHU SINHA	TER / INT	30	30	28	29	30	28	175	23	24	22	22	91					
	TOTAL	94	94	90	92	94	90	554	46	47	44	44	181	735	735	9.90	9.06	PASSED & PROMOTED
	GRADE	A+	A+	A+	A+	A+	A+	A+	A+	A+	A	A	A					
18030500028	FIN / EXT	55	49	48	52	50	47	301	20	20	20	21	81					
PRMOD KUMAR RANA	TER / INT	30	25	24	27	26	23	155	22	22	21	23	88					
	TOTAL	85	74	72	79	76	70	456	42	42	41	44	169	625	625	8.40	6.87	PASSED & PROMOTED
	GRADE	A	B+	B+	B+	B+	B+	A	A	A	A	A	A					
18030500029	FIN / EXT	64	61	61	62	64	61	373	21	21	20	22	84					
RAHUL KUMAR	TER / INT	30	27	27	28	30	27	169	22	22	20	23	87					
	TOTAL	94	88	88	90	94	88	542	43	43	40	45	171	713	713	9.55	8.84	PASSED & PROMOTED
	GRADE	A+	A	A	A+	A+	A	A	A	A	A	A+	A					
18030500030	FIN / EXT	64	63	59	63	64	61	374	22	22	21	23	88					
RAHUL KUMAR GUPTA	TER / INT	30	29	26	29	30	27	171	21	22	20	23	86					
	TOTAL	94	92	85	92	94	88	545	43	44	41	46	174	719	719	9.70	8.97	PASSED & PROMOTED
	GRADE	A+	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 4TH SEMESTER IN METALLURGICAL ENGINEERING EXAMINATION-2020

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

Pages : 4 of 7

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC401	EC404	MT401	MT402	MT403	MT404 / MT405	TOTAL THEORY	MT406P	MT407P	MT402P	EX401	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	4	20				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	100	520				
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	100	280				
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	200	800	800			
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	100	310				
	18030500031 RAVI KUMAR SINGH	60 29 89 A	59 28 87 A	58 27 85 A	58 27 85 A	58 27 85 A	60 29 89 A	353 167 520	20 22 42 A	20 22 42 A	19 20 39 B+	21 23 44 A	80 87 167	687	687	8.95	8.27	PASSED & PROMOTED
	18030500032 RAVI SHANKAR GUPTA	61 29 90 A+	61 29 90 A+	57 26 83 A	60 28 88 A	62 30 92 A+	61 29 90 A+	362 171 533	21 22 43 A	21 22 43 A	21 22 43 A	22 23 45 A+	85 89 174	707	707	9.55	8.63	PASSED & PROMOTED
	18030500033 ROHIN PRAMANIK	53 25 78 B+	58 29 87 A	56 27 83 A	58 29 87 A	59 30 89 A	56 27 83 A	340 167 507	21 22 43 A	21 22 43 A	20 20 40 A	21 22 43 A	83 86 169	676	676	8.80	7.92	PASSED & PROMOTED
	18030500034 ROHIT KUMAR	60 30 90 A+	59 29 88 A	57 27 84 A	59 29 88 A	60 30 90 A+	58 28 86 A	353 173 526	20 22 42 A	20 22 42 A	20 21 41 A	20 22 42 A	80 87 167	693	693	9.35	8.37	PASSED & PROMOTED
	18030500035 ROHIT KUMAR SINGH	60 30 90 A+	51 22 73 B+	53 24 77 B+	57 27 84 A	55 26 81 A	55 26 81 A	331 155 486	21 22 43 A	21 22 43 A	21 21 42 A	22 23 45 A+	85 88 173	659	659	8.95	7.82	PASSED & PROMOTED
	18030500036 SACHIN KUMAR HANSDA	52 30 82 A	45 24 69 B	44 23 67 B	49 27 76 B+	47 26 73 B+	51 29 80 A	288 159 447	19 19 38 B+	19 19 38 B+	19 19 38 B+	21 23 44 A	78 80 158	605	605	7.95	6.52	PASSED & PROMOTED
	18030500037 SAGAR RAJAK	55 26 81 A	54 25 79 B+	51 22 73 B+	59 29 88 A	60 30 90 A+	53 24 77 B+	332 156 488	21 22 43 A	21 22 43 A	21 21 42 A	22 23 45 A+	85 88 173	661	661	8.90	8.30	PASSED & PROMOTED
	18030500038 SAMANTA RAY	60 30 90 A+	57 27 84 A	54 25 79 B+	57 27 84 A	57 27 84 A	58 28 86 A	343 164 507	22 23 45 A+	21 22 43 A	21 21 42 A	21 22 43 A	85 88 173	680	680	9.10	8.34	PASSED & PROMOTED
	18030500039 SANDEEP YADAV	62 30 92 A+	60 28 88 A	55 24 79 B+	61 29 90 A+	60 28 88 A	57 26 83 A	355 165 520	21 22 43 A	20 19 39 B+	20 19 39 B+	22 23 45 A+	83 83 166	686	686	9.15	8.50	PASSED & PROMOTED
	18030500040 SANDHYA KUMARI	51 25 76 B+	55 28 83 A	47 21 68 B	54 27 81 A	57 30 87 A	56 29 85 A	320 160 480	18 19 37 B+	19 22 41 A	19 21 40 A	19 22 41 A	75 84 159	639	639	8.45	7.06	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.I.T , SINDRI , DHANBAD

B.TECH 4TH SEMESTER IN METALLURGICAL ENGINEERING EXAMINATION-2020

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

Pages : 5 of 7

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC401	EC404	MT401	MT402	MT403	MT404 / MT405	TOTAL THEORY	MT406P	MT407P	MT402P	EX401	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	4	20				
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	70	420	25	25	25	25	100	520			SGPA	CGPA
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	30	180	25	25	25	25	100	280				Remarks
50% - 59% C+	Subject Total	100	100	100	100	100	100	600	50	50	50	50	200	800	800			
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	100	310				
	18030500041 SANJAY KUMAR	FIN / EXT 28 84 A	56 28 84 A	51 24 75 B+	57 29 86 A	55 27 82 A	55 27 82 A	330 163 493	20 21 41 A	21 24 45 A+	20 22 42 A	20 21 41 A	81 88 169	662	662	8.90	7.48	PASSED & PROMOTED
	18030500042 SHANYA GUPTA	FIN / EXT 30 93 A+	63 28 89 A	61 24 80 A	60 27 87 A	60 27 87 A	62 29 91 A+	362 165 527	22 23 45 A+	22 24 46 A+	21 22 43 A	21 22 43 A	86 91 177	704	704	9.30	8.48	PASSED & PROMOTED
	18030500044 SHUBHAM KUMAR	FIN / EXT 30 92 A+	62 27 86 A	59 26 83 A	61 29 90 A+	60 28 88 A	60 28 88 A	359 168 527	22 23 45 A+	22 24 46 A+	21 21 42 A	22 23 45 A+	87 91 178	705	705	9.50	8.55	PASSED & PROMOTED
	18030500045 SINGRAY MURMU	FIN / EXT 30 86 A	56 28 82 A	54 26 77 B+	54 28 82 A	54 28 82 A	55 29 84 A	324 169 493	19 19 38 B+	19 19 38 B+	19 19 38 B+	21 24 45 A+	78 81 159	652	652	8.75	7.20	PASSED & PROMOTED
	18030500046 SONU KUMAR SHARMA	FIN / EXT 29 90 A+	61 30 92 A+	62 28 88 A	61 29 90 A+	62 30 92 A+	57 26 83 A	363 172 535	21 23 44 A	21 24 45 A+	20 21 41 A	20 22 42 A	82 90 172	707	707	9.70	8.82	PASSED & PROMOTED
	18030500047 SOUMYADEEP GHOSH	FIN / EXT 30 90 A+	60 27 84 A	57 26 81 A	58 28 86 A	57 27 84 A	57 27 84 A	344 165 509	21 23 44 A	21 24 45 A+	19 20 39 B+	20 22 42 A	81 89 170	679	679	9.20	8.02	PASSED & PROMOTED
	18030500048 SUBHADEEP BAKSHI	FIN / EXT 28 88 A	60 27 86 A	59 28 88 A	59 27 86 A	57 26 83 A	59 27 86 A	354 163 517	20 22 42 A	20 22 42 A	19 20 39 B+	20 22 42 A	79 86 165	682	682	8.95	8.76	PASSED & PROMOTED
	18030500049 SUMIT KUMAR	FIN / EXT 28 85 A	57 29 87 A	54 26 80 A	57 28 85 A	59 30 89 A	57 28 85 A	342 169 511	19 19 38 B+	19 19 38 B+	20 21 41 A	21 23 44 A	79 82 161	672	672	8.90	7.55	PASSED & PROMOTED
	18030500050 SUMIT MARANDI	FIN / EXT 30 89 A	59 26 80 A	54 25 78 B+	56 27 83 A	57 28 85 A	56 27 83 A	335 163 498	19 19 38 B+	19 19 38 B+	19 19 38 B+	20 22 42 A	77 79 156	654	654	8.70	7.59	PASSED & PROMOTED
	18030500051 SURAJ KUMAR	FIN / EXT 30 90 A+	60 28 86 A	53 24 77 B+	58 28 86 A	57 27 84 A	55 26 81 A	341 163 504	21 22 43 A	21 22 43 A	21 21 42 A	22 23 45 A+	85 88 173	677	677	9.10	8.01	PASSED & PROMOTED

Note : A(+B)# Represents candidate secured A-B and got A marks [U/R 6.5.(v)].
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Pages : 6 of 7

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC401	EC404	MT401	MT402	MT403	MT404 / MT405	TOTAL THEORY	MT406P	MT407P	MT402P	EX401	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		4	3	3	3	3	0	16	1	1	1	1	4	20				
Full Marks - Final / Ext.		70	70	70	70	70	70	420	25	25	25	25	100	520				
Full Marks - Ter. / Int.		30	30	30	30	30	30	180	25	25	25	25	100	280				
Subject Total		100	100	100	100	100	100	600	50	50	50	50	200	800	800			
Pass Marks - Fin. Ext.		21	21	21	21	21	21		-	-	-	-						
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	100	310				
18030500052	FIN / EXT	60	57	54	58	57	53	339	21	21	20	22	84					
SURAJ KUMAR ROY	TER / INT	30	27	25	28	27	24	161	22	22	19	23	86					
	TOTAL	90	84	79	86	84	77	500	43	43	39	45	170	670	670	9.05	7.90	PASSED & PROMOTED
	GRADE	A+	A	B+	A	A	B+		A	A	B+	A+						
18030500053	FIN / EXT	55	48	48	52	54	52	309	19	19	18	20	76					
SYMON MARANDI	TER / INT	30	24	24	27	29	27	161	19	19	18	22	78					
	TOTAL	85	72	72	79	83	79	470	38	38	36	42	154	624	624	8.40	7.09	PASSED & PROMOTED
	GRADE	A	B+	B+	B+	A	B+		B+	B+	B+	A						
18030500054	FIN / EXT	63	62	57	62	63	61	368	21	21	21	21	84					
VIKRAM BAHADUR	TER / INT	30	29	25	29	30	28	171	22	22	22	22	88					
	TOTAL	93	91	82	91	93	89	539	43	43	43	43	172	711	711	9.65	8.85	PASSED & PROMOTED
	GRADE	A+	A+	A	A+	A+	A		A	A	A	A						
18030500055	FIN / EXT	61	54	52	58	56	49	330	21	21	20	22	84					
VIVEK KUMAR	TER / INT	30	24	22	27	26	20	149	22	22	20	23	87					
	TOTAL	91	78	74	85	82	69	479	43	43	40	45	171	650	650	8.95	7.83	PASSED & PROMOTED
	GRADE	A+	B+	B+	A	A	B		A	A	A	A+						
18030500056	FIN / EXT	59	53	53	59	57	58	339	22	22	21	21	86					
ZAFAR IMAM	TER / INT	29	24	24	29	27	28	161	23	24	22	21	90					
	TOTAL	88	77	77	88	84	86	500	45	46	43	42	176	676	676	8.80	8.21	PASSED & PROMOTED
	GRADE	A	B+	B+	A	A	A		A+	A+	A	A						
18030500057	FIN / EXT	52	51	44	55	53	53	308	21	21	20	22	84					
TUSHAR HAZRA	TER / INT	25	24	18	27	26	26	146	22	22	20	23	87					
	TOTAL	77	75	62	82	79	79	454	43	43	40	45	171	625	625	8.25	6.63	PASSED & PROMOTED
	GRADE	B+	B+	B	A	B+	B+		A	A	A	A+						
18030505001	FIN / EXT	53	58	54	59	59	57	340	21	21	21	22	85					
HIMANSHU KUMAR PANDEY	TER / INT	24	28	25	29	29	27	162	22	22	21	23	88					
	TOTAL	77	86	79	88	88	84	502	43	43	42	45	173	675	675	8.70	8.36	PASSED & PROMOTED
	GRADE	B+	A	B+	A	A	A		A	A	A	A+						
18030505002	FIN / EXT	62	57	55	59	57	59	349	20	20	19	20	79					
MD IMRAN HUSSAIN	TER / INT	30	26	24	27	26	27	160	22	22	20	22	86					
	TOTAL	92	83	79	86	83	86	509	42	42	39	42	165	674	674	9.00	8.60	PASSED & PROMOTED
	GRADE	A+	A	B+	A	A	A		A	A	B+	A						
18030505003	FIN / EXT	55	56	56	56	57	53	333	20	20	19	21	80					
PREM PRAKASH	TER / INT	27	28	28	28	29	26	166	22	22	20	23	87					
	TOTAL	82	84	84	84	86	79	499	42	42	39	44	167	666	666	8.95	8.10	PASSED & PROMOTED
	GRADE	A	A	A	A	A	B+		A	A	B+	A						
18030505004	FIN / EXT	48	46	48	52	54	52	300	19	19	19	20	77					
RAJKUMAR SINGH	TER / INT	24	22	24	27	29	27	153	19	19	19	22	79					
	TOTAL	72	68	72	79	83	79	453	38	38	38	42	156	609	609	8.05	7.19	PASSED & PROMOTED
	GRADE	B+	B	B+	B+	A	B+		B+	B+	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

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 4TH SEMESTER IN METALLURGICAL ENGINEERING EXAMINATION-2020

Pages : 7 of 7

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

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		BSC401	EC404	MT401	MT402	MT403	MT404 / MT405	TOTAL THEORY	MT406P	MT407P	MT402P	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																	
80% - 89%	A	4	3	3	3	3	0	16	1	1	1	1	4	20				
70% - 79%	B+	70	70	70	70	70	70	420	25	25	25	25	100	520				
60% - 69%	B	30	30	30	30	30	30	180	25	25	25	25	100	280				
50% - 59%	C+	100	100	100	100	100	100	600	50	50	50	50	200	800	800			
35% - 49%	C	21	21	21	21	21	21		-	-	-	-						
<35%	F	35	35	35	35	35	35	210	25	25	25	25	100	310				
18030505005	FIN / EXT	55	57	57	58	58	55	340	21	21	21	22	85					
SHASHI PRAKASH	TER / INT	26	27	27	28	28	26	162	22	22	21	23	88	675	675	9.05	8.36	PASSED & PROMOTED
	TOTAL	81	84	84	86	86	81	502	43	43	42	45	173					
	GRADE	A	A	A	A	A	A		A	A	A	A+						
18030505006	FIN / EXT	66	65	60	65	63	65	384	19	19	19	21	78					
GURUCHARAN TUDU	TER / INT	30	29	25	29	27	29	169	19	19	20	23	81	712	712	9.50	9.26	PASSED & PROMOTED
	TOTAL	96	94	85	94	90	94	553	38	38	39	44	159					
	GRADE	A+	A+	A	A+	A+	A+		B+	B+	B+	A						
18030505007	FIN / EXT	53	58	50	61	60	51	333	19	19	19	21	78					
LAWRENCE SOREN	TER / INT	21	26	19	28	27	20	141	19	19	19	23	80	632	632	8.35	8.24	PASSED & PROMOTED
	TOTAL	74	84	69	89	87	71	474	38	38	38	44	158					
	GRADE	B+	A	B	A	A	B+		B+	B+	B+	A						
18030505008	FIN / EXT	66	59	64	65	63	65	382	19	19	19	20	77					
PRADEEP HEMBRAM	TER / INT	30	24	28	29	27	29	167	19	19	19	22	79	705	705	9.50	9.10	PASSED & PROMOTED
	TOTAL	96	83	92	94	90	94	549	38	38	38	42	156					
	GRADE	A+	A	A+	A+	A+	A+		B+	B+	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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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
SCIENCE & TECHNOLOGY CAMPUS, SIRKHA TOLI, NAMKUM, RANCHI
B.I.T , SINDRI , DHANBAD

B.TECH 4TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION-2020

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

Pages : 1 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490001 AATISH KUMAR	FIN / EXT TER / INT TOTAL GRADE	60 29 89 A	61 30 91 A+	60 29 89 A	61 30 91 A+	59 28 87 A	59 28 87 A	360 174 534	22 23 45 A+	23 25 48 A+	22 23 45 A+	21 22 43 A	22 24 46 A+	110 117 227	761	761	9.52	8.64	PASSED & PROMOTED
18030490002 ABHINAV KUMAR SAH	FIN / EXT TER / INT TOTAL GRADE	62 30 92 A+	60 28 88 A	62 30 92 A+	62 30 92 A+	60 28 88 A	61 29 90 A+	367 175 542	23 23 46 A+	18 14 32 B	22 22 44 A	22 22 44 A	23 24 47 A+	108 105 213	755	755	9.48	8.96	PASSED & PROMOTED
18030490003 ABHINAY KUMAR	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	63 30 93 A+	63 30 93 A+	63 30 93 A+	62 29 91 A+	56 24 80 A	370 173 543	22 23 45 A+	20 19 39 B+	20 19 39 B+	21 22 43 A	22 24 46 A+	105 107 212	755	755	9.76	9.17	PASSED & PROMOTED
18030490004 ABHINEET KUMAR	FIN / EXT TER / INT TOTAL GRADE	65 30 95 A+	65 30 95 A+	65 30 95 A+	65 30 95 A+	65 30 95 A+	64 29 93 A+	389 179 568	23 23 46 A+	24 25 49 A+	22 22 44 A	22 21 43 A	23 23 46 A+	114 114 228	796	796	9.90	9.22	PASSED & PROMOTED
18030490005 ABHISHEK ANAND	FIN / EXT TER / INT TOTAL GRADE	55 28 83 A	55 28 83 A	57 30 87 A	57 30 87 A	57 30 87 A	51 25 76 B+	332 171 503	21 23 44 A	22 25 47 A+	20 22 42 A	20 22 42 A	21 23 44 A	104 115 219	722	722	9.05	8.29	PASSED & PROMOTED
18030490006 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	59 30 89 A	58 29 87 A	59 30 89 A	59 30 89 A	56 27 83 A	349 175 524	20 21 41 A	16 14 30 B	19 19 38 B+	20 21 41 A	21 23 44 A	96 98 194	718	718	8.86	8.17	PASSED & PROMOTED
18030490007 ABHISHEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	57 30 87 A	56 29 85 A	57 30 87 A	56 29 85 A	54 27 81 A	336 174 510	21 23 44 A	19 19 38 B+	21 23 44 A	20 21 41 A	20 21 41 A	101 107 208	718	718	8.95	7.91	PASSED & PROMOTED
18030490009 ABHISHEK KUMAR JHA	FIN / EXT TER / INT TOTAL GRADE	58 29 87 A	59 30 89 A	58 29 87 A	58 29 87 A	53 25 78 B+	56 27 83 A	342 169 511	21 21 42 A	20 19 39 B+	22 23 45 A+	22 23 45 A+	21 21 42 A	106 107 213	724	724	8.90	8.21	PASSED & PROMOTED
18030490010 ABHISHEK KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	62 29 91 A+	63 30 93 A+	62 29 91 A+	63 30 93 A+	61 28 89 A	61 28 89 A	372 174 546	22 23 45 A+	23 25 48 A+	22 23 45 A+	22 23 45 A+	21 22 43 A	110 116 226	772	772	9.76	9.05	PASSED & PROMOTED
18030490012 ADITYA JHA	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	60 30 90 A+	59 29 88 A	60 30 90 A+	55 26 81 A	60 30 90 A+	353 174 527	21 23 44 A	22 25 47 A+	21 24 45 A+	20 22 42 A	21 23 44 A	105 117 222	749	749	9.38	8.18	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

B.TECH 4TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION-2020

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

Pages : 2 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-			
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490013 ADITYA NARAYAN SHUKLA	FIN / EXT	58	59	58	59	58	54	346	20	19	19	20	19	97	717	717	8.81	7.64	PASSED & PROMOTED
	TER / INT	29	30	29	30	29	26	173	21	19	20	22	19	101					
	TOTAL	87	89	87	89	87	80	519	41	38	39	42	38	198					
	GRADE	A	A	A	A	A	A	A	A	B+	B+	A	B+						
18030490014 ADITYA SAGAR	FIN / EXT	60	61	60	61	60	58	360	22	20	22	21	22	107	751	751	9.43	8.78	PASSED & PROMOTED
	TER / INT	29	30	29	30	29	27	174	23	19	23	22	23	110					
	TOTAL	89	91	89	91	89	85	534	45	39	45	43	45	217					
	GRADE	A	A+	A	A+	A	A	A	A+	B+	A+	A	A+						
18030490015 AMAN SIDDHARTHA	FIN / EXT	55	56	55	56	50	56	328	20	19	21	20	21	101	711	711	8.90	7.85	PASSED & PROMOTED
	TER / INT	29	30	29	30	25	30	173	21	19	23	22	24	109					
	TOTAL	84	86	84	86	75	86	501	41	38	44	42	45	210					
	GRADE	A	A	A	A	B+	A	A	A	B+	A	A	A+						
18030490016 AMARNATH NONIA	FIN / EXT	59	59	59	60	55	58	350	20	20	21	21	22	104	731	731	9.19	8.30	PASSED & PROMOTED
	TER / INT	29	29	29	30	26	28	171	20	19	22	22	23	106					
	TOTAL	88	88	88	90	81	86	521	40	39	43	43	45	210					
	GRADE	A	A	A	A+	A	A	A	A	B+	A	A	A+						
18030490018 ANJALI KUMARI	FIN / EXT	62	56	62	62	60	59	361	20	23	22	21	22	108	752	752	9.62	8.69	PASSED & PROMOTED
	TER / INT	30	25	30	30	28	27	170	20	25	23	21	24	113					
	TOTAL	92	81	92	92	88	86	531	40	48	45	42	46	221					
	GRADE	A+	A	A+	A+	A	A	A	A	A+	A+	A	A+						
18030490019 ANKIT ANAND	FIN / EXT	60	61	60	61	61	58	361	22	20	21	22	22	107	754	754	9.57	8.47	PASSED & PROMOTED
	TER / INT	29	30	29	30	30	27	175	23	19	22	23	24	111					
	TOTAL	89	91	89	91	91	85	536	45	39	43	45	46	218					
	GRADE	A	A+	A	A+	A+	A	A	A+	B+	A	A+	A+						
18030490020 ANKIT KUMAR SHANKH	FIN / EXT	60	61	60	61	61	56	359	20	22	21	20	21	104	752	752	9.57	8.48	PASSED & PROMOTED
	TER / INT	29	30	29	30	30	26	174	21	25	23	22	24	115					
	TOTAL	89	91	89	91	91	82	533	41	47	44	42	45	219					
	GRADE	A	A+	A	A+	A+	A	A	A	A+	A	A	A+						
18030490021 ANKIT PATHAK	FIN / EXT	63	63	63	64	62	61	376	22	23	21	22	22	110	775	775	9.95	8.96	PASSED & PROMOTED
	TER / INT	29	29	29	30	28	27	172	23	25	22	24	23	117					
	TOTAL	92	92	92	94	90	88	548	45	48	43	46	45	227					
	GRADE	A+	A+	A+	A+	A+	A	A	A+	A+	A	A+	A+						
18030490022 ANKIT SINGH	FIN / EXT	54	53	53	55	50	48	313	19	16	19	20	19	93	665	665	8.57	7.32	PASSED & PROMOTED
	TER / INT	29	28	28	30	26	24	165	20	14	19	22	19	94					
	TOTAL	83	81	81	85	76	72	478	39	30	38	42	38	187					
	GRADE	A	A	A	A	B+	B+	B+	B+	B	B+	A	B+						
18030490023 ANKIT TOPPO	FIN / EXT	54	50	54	55	53	52	318	20	22	20	20	21	103	705	705	9.00	7.31	PASSED & PROMOTED
	TER / INT	29	26	29	30	28	27	169	22	25	22	22	24	115					
	TOTAL	83	76	83	85	81	79	487	42	47	42	42	45	218					
	GRADE	A	B+	A	A	A	B+	B+	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.

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

B.TECH 4TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION-2020

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

Pages : 3 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-			
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490024 ARADHYA NARAIN SINGH	FIN / EXT	61	61	61	61	60	61	365	21	23	22	22	22	110					
	TER / INT	30	30	30	30	29	30	179	21	25	24	23	24	117	771	771	9.81	8.58	PASSED & PROMOTED
	TOTAL	91	91	91	91	89	91	544	42	48	46	45	46	227					
	GRADE	A+	A+	A+	A+	A	A+		A	A+	A+	A+	A+						
18030490025 ARUN KUMAR BIRUA	FIN / EXT	51	50	51	52	50	47	301	21	22	20	21	19	103					
	TER / INT	29	28	29	30	28	26	170	23	25	21	24	19	112	686	686	8.71	6.75	PASSED & PROMOTED
	TOTAL	80	78	80	82	78	73	471	44	47	41	45	38	215					
	GRADE	A	B+	A	A	B+	B+		A	A+	A	A+	B+						
18030490026 ASHISH MARANDI	FIN / EXT	63	63	63	64	62	63	378	22	23	22	22	21	110					
	TER / INT	29	29	29	30	28	29	174	23	25	24	24	21	117	779	779	9.90	9.03	PASSED & PROMOTED
	TOTAL	92	92	92	94	90	92	552	45	48	46	46	42	227					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A+	A+	A+	A						
18030490027 ASHUTOSH KUMAR	FIN / EXT	61	56	61	62	60	57	357	20	23	22	22	22	109					
	TER / INT	29	25	29	30	28	26	167	19	25	23	23	24	114	747	747	9.62	8.72	PASSED & PROMOTED
	TOTAL	90	81	90	92	88	83	524	39	48	45	45	46	223					
	GRADE	A+	A	A+	A+	A	A		B+	A+	A+	A+	A+						
18030490028 AVINASH PURTY	FIN / EXT	55	54	55	56	50	46	316	22	20	22	22	22	108					
	TER / INT	29	28	29	30	25	21	162	23	19	23	23	24	112	698	698	9.05	7.50	PASSED & PROMOTED
	TOTAL	84	82	84	86	75	67	478	45	39	45	45	46	220					
	GRADE	A	A	A	A	B+	B		A+	B+	A+	A+	A+						
18030490029 AYUSH AKSHAT	FIN / EXT	64	64	64	64	63	62	381	22	23	21	21	22	109					
	TER / INT	30	30	30	30	29	28	177	23	25	22	22	24	116	783	783	9.90	9.30	PASSED & PROMOTED
	TOTAL	94	94	94	94	92	90	558	45	48	43	43	46	225					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A+	A	A	A+						
18030490030 BHASKAR SINGH	FIN / EXT	55	51	51	58	55	49	319	21	22	20	20	21	104					
	TER / INT	27	24	24	30	27	22	154	23	25	21	22	23	114	691	691	8.76	7.67	PASSED & PROMOTED
	TOTAL	82	75	75	88	82	71	473	44	47	41	42	44	218					
	GRADE	A	B+	B+	A	A	B+		A	A+	A	A	A						
18030490031 BISHAL GHJOSH	FIN / EXT	59	60	59	60	59	58	355	22	23	22	21	22	110					
	TER / INT	29	30	29	30	29	28	175	23	25	23	22	24	117	757	757	9.52	8.80	PASSED & PROMOTED
	TOTAL	88	90	88	90	88	86	530	45	48	45	43	46	227					
	GRADE	A	A+	A	A+	A	A		A+	A+	A+	A	A+						
18030490032 CHANDRANATH MARANDI	FIN / EXT	56	49	55	50	56	50	316	22	23	21	22	22	110					
	TER / INT	30	24	29	25	30	25	163	23	25	22	24	23	117	706	706	8.95	7.64	PASSED & PROMOTED
	TOTAL	86	73	84	75	86	75	479	45	48	43	46	45	227					
	GRADE	A	B+	A	B+	A	B+		A+	A+	A	A+	A+						
18030490033 DHARMENDRA KUMAR HANSDA	FIN / EXT	33	33	33	40	37	39	215	16	8	19	19	18	80					
	TER / INT	24	24	24	30	27	29	158	16	0	21	21	19	77	530	530	6.67	4.77	PROMOTED
	TOTAL	57	57	57	70	64	68	373	32	8*	40	40	37	157					
	GRADE	C+	C+	C+	B+	B	B		B	F	A	A	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.

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B.TECH 4TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION-2020

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

Pages : 4 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-			
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490034 GHANSHYAM BIRUA	FIN / EXT	51	50	51	52	49	40	293	21	22	19	21	20	103	671	671	8.71	6.76	PASSED & PROMOTED
	TER / INT	29	28	29	30	27	20	163	23	25	20	23	21	112					
	TOTAL	80	78	80	82	76	60	456	44	47	39	44	41	215					
	GRADE	A	B+	A	A	B+	B		A	A+	B+	A	A						
18030490035 GYANENDRA KUMAR SHUKLA	FIN / EXT	61	62	61	62	57	59	362	21	19	20	20	21	101	744	744	9.62	8.70	PASSED & PROMOTED
	TER / INT	29	30	29	30	26	27	171	23	19	22	22	24	110					
	TOTAL	90	92	90	92	83	86	533	44	38	42	42	45	211					
	GRADE	A+	A+	A+	A+	A	A		A	B+	A	A	A+						
18030490036 HARISH HANSDA	FIN / EXT	38	30	39	38	33	28	206	18	14	19	20	19	90	534	532	6.95	4.20	NOT PROMOTED
	TER / INT	28	21	29	28	24	20	150	17	9	19	22	19	86					
	TOTAL	66	51	68	66	57	48	356	35	25(+2)#	38	42	38	176					
	GRADE	B	C+	B	B	C+	C		B+	C+	B+	A	B+						
18030490037 HARSH AGARWAL	FIN / EXT	59	60	59	60	55	57	350	20	19	21	20	19	99	724	724	9.14	8.20	PASSED & PROMOTED
	TER / INT	29	30	29	30	26	27	171	21	19	23	22	19	104					
	TOTAL	88	90	88	90	81	84	521	41	38	44	42	38	203					
	GRADE	A	A+	A	A+	A	A		A	B+	A	A	B+						
18030490038 HRITIK SINGH ANAND	FIN / EXT	49	50	49	50	47	47	292	19	16	20	20	21	96	661	661	8.52	6.52	PASSED & PROMOTED
	TER / INT	29	30	29	30	27	27	172	19	14	22	22	24	101					
	TOTAL	78	80	78	80	74	74	464	38	30	42	42	45	197					
	GRADE	B+	A	B+	A	B+	B+		B+	B	A	A	A+						
18030490039 JYOTSNA PRIYADARSHI	FIN / EXT	62	61	62	63	58	61	367	21	20	22	21	22	106	752	752	9.52	9.22	PASSED & PROMOTED
	TER / INT	29	28	29	30	26	28	170	22	19	23	21	24	109					
	TOTAL	91	89	91	93	84	89	537	43	39	45	42	46	215					
	GRADE	A+	A	A+	A+	A	A		A	B+	A+	A	A+						
18030490040 KUSHAGRA KUMAR	FIN / EXT	61	62	61	62	59	56	361	21	20	22	21	20	104	741	741	9.57	9.02	PASSED & PROMOTED
	TER / INT	29	30	29	30	27	25	170	22	19	24	21	20	106					
	TOTAL	90	92	90	92	86	81	531	43	39	46	42	40	210					
	GRADE	A+	A+	A+	A+	A	A		A	B+	A+	A	A						
18030490041 KUSHAGRA KUMAR SINGH	FIN / EXT	48	47	48	49	43	44	279	19	16	19	21	21	96	643	643	8.05	6.19	PASSED & PROMOTED
	TER / INT	29	28	29	30	25	26	167	20	14	20	23	24	101					
	TOTAL	77	75	77	79	68	70	446	39	30	39	44	45	197					
	GRADE	B+	B+	B+	B+	B	B+		B+	B	B+	A	A+						
18030490042 MAHESH PRASAD	FIN / EXT	51	53	51	52	58	52	317	21	22	21	20	21	105	692	692	8.48	7.98	PASSED & PROMOTED
	TER / INT	24	26	24	25	30	25	154	23	25	23	22	23	116					
	TOTAL	75	79	75	77	88	77	471	44	47	44	42	44	221					
	GRADE	B+	B+	B+	B+	A	B+		A	A+	A	A	A						
18030490043 MANISH KUMAR MANDAL	FIN / EXT	49	51	48	57	57	52	314	21	19	21	20	21	102	683	683	8.62	8.14	PASSED & PROMOTED
	TER / INT	23	25	22	30	30	26	156	23	19	23	22	24	111					
	TOTAL	72	76	70	87	87	78	470	44	38	44	42	45	213					
	GRADE	B+	B+	B+	A	A	B+		A	B+	A	A	A+						

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B.TECH 4TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION-2020

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

Pages : 5 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490044 MD SAMI ISRAFIL	FIN / EXT	48	53	48	55	50	52	306	20	19	21	20	21	101	675	675	8.62	7.38	PASSED & PROMOTED
	TER / INT	24	28	24	30	26	27	159	21	19	23	22	24	109					
	TOTAL	72	81	72	85	76	79	465	41	38	44	42	45	210					
	GRADE	B+	A	B+	A	B+	B+		A	B+	A	A	A+						
18030490045 NEETISH KUMAR	FIN / EXT	64	64	64	64	64	58	378	20	19	21	20	20	100	759	759	9.67	8.86	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	25	175	21	19	23	21	22	106					
	TOTAL	94	94	94	94	94	83	553	41	38	44	41	42	206					
	GRADE	A+	A+	A+	A+	A+	A		A	B+	A	A	A						
18030490046 NISHANT SHEKHAR	FIN / EXT	60	60	60	60	60	57	357	21	22	20	20	20	103	750	750	9.76	8.27	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	27	177	23	25	21	22	22	113					
	TOTAL	90	90	90	90	90	84	534	44	47	41	42	42	216					
	GRADE	A+	A+	A+	A+	A+	A		A	A+	A	A	A						
18030490047 OM PRAKASH BHARDWAJ	FIN / EXT	56	63	56	63	62	55	355	21	22	18	20	21	102	727	727	9.43	8.88	PASSED & PROMOTED
	TER / INT	24	30	24	30	29	23	160	23	25	18	21	23	110					
	TOTAL	80	93	80	93	91	78	515	44	47	36	41	44	212					
	GRADE	A	A+	A	A+	A+	B+		A	A+	B+	A	A						
18030490048 PRADUM KUMHAR	FIN / EXT	48	49	39	54	49	44	283	21	22	19	21	20	103	643	643	8.14	7.08	PASSED & PROMOTED
	TER / INT	25	26	17	30	26	21	145	23	25	20	23	21	112					
	TOTAL	73	75	56	84	75	65	428	44	47	39	44	41	215					
	GRADE	B+	B+	C+	A	B+	B		A	A+	B+	A	A						
18030490049 PRANJAL GHOSH	FIN / EXT	58	59	58	59	54	54	342	20	22	20	20	21	103	727	727	9.05	8.23	PASSED & PROMOTED
	TER / INT	29	30	29	30	26	26	170	22	25	21	21	23	112					
	TOTAL	87	89	87	89	80	80	512	42	47	41	41	44	215					
	GRADE	A	A	A	A	A	A		A	A+	A	A	A						
18030490050 PRASHANT KUMAR JHA	FIN / EXT	57	58	57	58	53	50	333	20	22	20	21	21	104	719	719	9.00	7.50	PASSED & PROMOTED
	TER / INT	29	30	29	30	26	23	167	22	25	21	23	24	115					
	TOTAL	86	88	86	88	79	73	500	42	47	41	44	45	219					
	GRADE	A	A	A	A	B+	B+		A	A+	A	A	A+						
18030490051 PRAVIN KR. TRIPATHI	FIN / EXT	61	61	61	62	57	62	364	22	23	22	21	22	110	763	763	9.81	8.65	PASSED & PROMOTED
	TER / INT	29	29	29	30	26	30	173	23	25	24	21	23	116					
	TOTAL	90	90	90	92	83	92	537	45	48	46	42	45	226					
	GRADE	A+	A+	A+	A+	A	A+		A+	A+	A+	A	A+						
18030490052 PRIYANK AGARWAL	FIN / EXT	61	61	61	61	60	55	359	22	20	21	22	21	106	747	747	9.62	8.56	PASSED & PROMOTED
	TER / INT	30	30	30	30	29	25	174	23	19	22	23	21	108					
	TOTAL	91	91	91	91	89	80	533	45	39	43	45	42	214					
	GRADE	A+	A+	A+	A+	A	A		A+	B+	A	A+	A						
18030490054 RAHUL BHAGAT	FIN / EXT	60	55	58	60	60	54	347	22	23	22	22	21	110	741	741	9.62	8.67	PASSED & PROMOTED
	TER / INT	30	26	28	30	30	25	169	23	25	23	23	21	115					
	TOTAL	90	81	86	90	90	79	516	45	48	45	45	42	225					
	GRADE	A+	A	A	A+	A+	B+		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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Pages : 6 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-			
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490055 RAHUL KUMAR GUPTA	FIN / EXT	61	62	61	61	56	59	360	21	23	22	22	22	110					
	TER / INT	29	30	29	29	25	27	169	21	25	23	23	24	116	755	755	9.81	8.62	PASSED & PROMOTED
	TOTAL	90	92	90	90	81	86	529	42	48	45	45	46	226					
	GRADE	A+	A+	A+	A+	A	A	A	A	A+	A+	A+	A+	A+					
18030490056 RAHUL VERMA	FIN / EXT	53	59	53	60	55	57	337	22	23	22	22	21	110					
	TER / INT	24	29	24	30	26	27	160	23	25	23	23	21	115	722	722	9.05	8.14	PASSED & PROMOTED
	TOTAL	77	88	77	90	81	84	497	45	48	45	45	42	225					
	GRADE	B+	A	B+	A+	A	A	A	A+	A+	A+	A+	A	A					
18030490057 RAJESH MARDI	FIN / EXT	38	36	38	33	37	32	214	18	14	19	21	20	92					
	TER / INT	29	27	29	25	28	24	162	18	9	20	23	22	92	562	560	7.19	4.23	NOT PROMOTED
	TOTAL	67	63	67	58	65	56	376	36	25(+2)#	39	44	42	184					
	GRADE	B	B	B	C+	B	C+	B+	B+	C+	B+	A	A	A					
18030490058 RANJAN KUMAR	FIN / EXT	57	50	57	57	57	56	334	22	23	22	22	21	110					
	TER / INT	30	24	30	30	30	29	173	23	25	23	23	22	116	733	733	9.05	7.80	PASSED & PROMOTED
	TOTAL	87	74	87	87	87	85	507	45	48	45	45	43	226					
	GRADE	A	B+	A	A	A	A	A	A+	A+	A+	A+	A	A					
18030490059 RAVI KUMAR	FIN / EXT	49	50	49	50	49	38	285	20	22	21	20	21	104					
	TER / INT	29	30	29	30	29	20	167	22	25	23	22	24	116	672	672	8.71	6.56	PASSED & PROMOTED
	TOTAL	78	80	78	80	78	58	452	42	47	44	42	45	220					
	GRADE	B+	A	B+	A	B+	C+	A	A	A+	A	A	A+	A					
18030490060 RISHAV SINHA	FIN / EXT	62	62	62	63	62	62	373	20	22	20	20	21	103					
	TER / INT	29	29	29	30	29	29	175	22	25	21	21	23	112	763	763	9.76	8.67	PASSED & PROMOTED
	TOTAL	91	91	91	93	91	91	548	42	47	41	41	44	215					
	GRADE	A+	A+	A+	A+	A+	A+	A+	A	A+	A	A	A	A					
18030490061 RITIK GUPTA	FIN / EXT	55	56	55	56	54	49	325	20	22	20	20	20	102					
	TER / INT	29	30	29	30	28	24	170	21	25	21	21	22	110	707	707	9.05	8.22	PASSED & PROMOTED
	TOTAL	84	86	84	86	82	73	495	41	47	41	41	42	212					
	GRADE	A	A	A	A	A	B+	A	A	A+	A	A	A	A					
18030490062 ROHIT KUMAR	FIN / EXT	56	57	52	56	52	51	324	20	22	21	20	20	103					
	TER / INT	29	30	26	29	26	25	165	21	25	24	21	22	113	705	705	8.81	7.39	PASSED & PROMOTED
	TOTAL	85	87	78	85	78	76	489	41	47	45	41	42	216					
	GRADE	A	A	B+	A	B+	B+	A	A	A+	A+	A	A	A					
18030490063 ROHIT ORAON	FIN / EXT	57	58	57	58	55	49	334	21	22	20	21	20	104					
	TER / INT	29	30	29	30	27	22	167	23	25	21	24	22	115	720	720	9.10	7.91	PASSED & PROMOTED
	TOTAL	86	88	86	88	82	71	501	44	47	41	45	42	219					
	GRADE	A	A	A	A	A	B+	A	A	A+	A	A+	A	A					
18030490064 ROSHAN KUMAR RAJAK	FIN / EXT	55	56	55	56	50	54	326	21	22	21	21	20	105					
	TER / INT	29	30	29	30	25	28	171	23	25	23	23	22	116	718	718	8.90	7.69	PASSED & PROMOTED
	TOTAL	84	86	84	86	75	82	497	44	47	44	44	42	221					
	GRADE	A	A	A	A	B+	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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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A	Course Credit Point	3	3	3	3	3	0	15	1	1	1	1	2	6	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				
	18030490065 ROUNAK RAJ	54 29 83 A	55 30 85 A	54 29 83 A	55 30 85 A	49 25 74 B+	52 27 79 B+	319 170 489	20 21 41 A	19 19 38 B+	20 22 42 A	20 21 41 A	20 21 41 A	99 104 203	692	692	8.81	7.71	PASSED & PROMOTED
	18030490066 SACHIN PATAR	33 24 57 C+	39 29 68 B	33 24 57 C+	34 25 59 C+	39 29 68 B	39 29 68 B	217 160 377	18 18 36 B+	9 0 9* F	20 21 41 A	20 22 42 A	21 23 44 A	88 84 172	549	549	6.67	4.15	NOT PROMOTED
	18030490067 SACHIN PRAKASH	49 24 73 B+	56 30 86 A	56 30 86 A	56 30 86 A	56 30 86 A	53 27 80 A	326 171 497	21 21 42 A	23 25 48 A+	20 20 40 A	22 23 45 A+	22 23 45 A+	108 112 220	717	717	9.05	7.52	PASSED & PROMOTED
	18030490068 SAGAR VERMA	60 30 90 A+	60 30 90 A+	60 30 90 A+	60 30 90 A+	60 30 90 A+	57 27 84 A	357 177 534	21 23 44 A	22 25 47 A+	21 23 44 A	21 23 44 A	20 22 42 A	105 116 221	755	755	9.76	8.27	PASSED & PROMOTED
	18030490069 SAHIL KUMAR	56 29 85 A	54 27 81 A	56 29 85 A	57 30 87 A	55 28 83 A	48 22 70 B+	326 165 491	20 21 41 A	22 25 47 A+	20 22 42 A	20 22 42 A	19 20 39 B+	101 110 211	702	702	8.95	7.56	PASSED & PROMOTED
	18030490070 SAHIL RAJ	59 29 88 A	60 30 90 A+	59 29 88 A	60 30 90 A+	59 29 88 A	57 27 84 A	354 174 528	20 19 39 B+	23 25 48 A+	21 22 43 A	22 24 46 A+	22 24 46 A+	108 114 222	750	750	9.43	8.40	PASSED & PROMOTED
	18030490071 SAMIR KUMAR SHARMA	62 29 91 A+	63 30 93 A+	62 29 91 A+	63 30 93 A+	62 29 91 A+	61 28 89 A	373 175 548	22 24 46 A+	23 25 48 A+	22 23 45 A+	21 22 43 A	20 20 40 A	108 114 222	770	770	9.86	8.68	PASSED & PROMOTED
	18030490072 SANDIPAN SARKAR	55 29 84 A	54 28 82 A	55 29 84 A	56 30 86 A	54 28 82 A	50 25 75 B+	324 169 493	17 16 33 B	22 25 47 A+	19 20 39 B+	20 21 41 A	19 20 39 B+	97 102 199	692	692	8.81	7.72	PASSED & PROMOTED
	18030490073 SANJEET BESRA	55 30 85 A	55 30 85 A	55 30 85 A	55 30 85 A	55 30 85 A	49 25 74 B+	324 175 499	19 20 39 B+	22 25 47 A+	20 22 42 A	20 21 41 A	20 22 42 A	101 110 211	710	710	9.00	7.53	PASSED & PROMOTED
	18030490074 SANKET KUMAR	51 24 75 B+	57 29 86 A	51 24 75 B+	58 30 88 A	58 30 88 A	53 26 79 B+	328 163 491	19 20 39 B+	19 19 38 B+	21 23 44 A	20 22 42 A	21 23 44 A	100 107 207	698	698	8.62	7.74	PASSED & PROMOTED

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	1	2	6	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	21	-	-	-	-	-	-	-	-	-	-	-
Pass Marks - Subject		35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490075 SANTOSH SINGH MUNDA	FIN / EXT TER / INT TOTAL GRADE	51 25 76 B+	57 30 87 A	51 25 76 B+	57 30 87 A	55 28 83 A	54 27 81 A	325 165 490	21 22 43 A	23 25 48 A+	22 24 46 A+	21 21 42 A	21 22 43 A	108 114 222	712	712	8.81	7.74	PASSED & PROMOTED
18030490076 SANU KUMAR	FIN / EXT TER / INT TOTAL GRADE	61 29 90 A+	61 29 90 A+	61 29 90 A+	62 30 92 A+	60 28 88 A	59 27 86 A	364 172 536	22 23 45 A+	23 25 48 A+	21 22 43 A	21 21 42 A	22 23 45 A+	109 114 223	759	759	9.76	8.66	PASSED & PROMOTED
18030490077 SATWIK SINGH	FIN / EXT TER / INT TOTAL GRADE	63 30 93 A+	62 29 91 A+	63 30 93 A+	63 30 93 A+	63 30 93 A+	60 27 87 A	374 176 550	21 22 43 A	23 25 48 A+	22 24 46 A+	21 22 43 A	22 24 46 A+	109 117 226	776	776	9.90	8.77	PASSED & PROMOTED
18030490078 SHASHANK KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	54 25 79 B+	54 25 79 B+	54 25 79 B+	60 30 90 A+	60 30 90 A+	60 30 90 A+	342 165 507	21 22 43 A	23 25 48 A+	22 24 46 A+	22 23 45 A+	20 19 39 B+	108 113 221	728	728	8.90	8.57	PASSED & PROMOTED
18030490079 SHIVAM ANAND	FIN / EXT TER / INT TOTAL GRADE	59 29 88 A	59 29 88 A	59 29 88 A	60 30 90 A+	60 30 90 A+	60 30 90 A+	357 177 534	22 23 45 A+	23 25 48 A+	22 23 45 A+	21 22 43 A	20 20 40 A	108 113 221	755	755	9.43	8.03	PASSED & PROMOTED
18030490080 SHIVAM RAJ	FIN / EXT TER / INT TOTAL GRADE	62 29 91 A+	62 29 91 A+	62 29 91 A+	63 30 93 A+	61 28 89 A	60 27 87 A	370 172 542	22 23 45 A+	23 25 48 A+	22 23 45 A+	22 24 46 A+	22 24 46 A+	111 119 230	772	772	9.86	8.90	PASSED & PROMOTED
18030490081 SHIVAM SINGH	FIN / EXT TER / INT TOTAL GRADE	56 30 86 A	56 30 86 A	56 30 86 A	56 30 86 A	56 30 86 A	56 30 86 A	336 180 516	20 21 41 A	22 25 47 A+	20 21 41 A	20 22 42 A	20 22 42 A	102 111 213	729	729	9.05	7.87	PASSED & PROMOTED
18030490083 SHUBHAM GUPTA	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	60 30 90 A+	60 30 90 A+	60 30 90 A+	60 30 90 A+	55 26 81 A	355 176 531	21 22 43 A	23 25 48 A+	21 22 43 A	21 22 43 A	22 24 46 A+	108 115 223	754	754	9.86	8.70	PASSED & PROMOTED
18030490084 SHUBHAM SINGH	FIN / EXT TER / INT TOTAL GRADE	64 30 94 A+	63 29 92 A+	64 30 94 A+	64 30 94 A+	63 29 92 A+	64 30 94 A+	382 178 560	22 23 45 A+	23 25 48 A+	22 23 45 A+	22 24 46 A+	22 24 46 A+	111 119 230	790	790	10.00	9.13	PASSED & PROMOTED
18030490085 SIRAM SIRKA	FIN / EXT TER / INT TOTAL GRADE	49 29 78 B+	48 28 76 B+	41 22 63 B	50 30 80 A	43 24 67 B	40 21 61 B	271 154 425	18 18 36 B+	22 25 47 A+	19 20 39 B+	20 21 41 A	20 22 42 A	99 106 205	630	630	8.10	6.53	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
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B.TECH 4TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION-2020

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

Pages : 9 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-			
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490086 SONU DAS	FIN / EXT	59	59	59	59	59	56	351	22	23	22	21	22	110	755	755	9.24	8.64	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	27	177	23	25	24	21	24	117					
	TOTAL	89	89	89	89	89	83	528	45	48	46	42	46	227					
	GRADE	A	A	A	A	A	A	A	A+	A+	A+	A	A+	A+					
18030490087 SOUVIK SHANTIKARI	FIN / EXT	62	61	62	62	62	61	370	22	23	21	21	22	109	773	773	9.90	8.74	PASSED & PROMOTED
	TER / INT	30	29	30	30	30	29	178	23	25	22	22	24	116					
	TOTAL	92	90	92	92	92	90	548	45	48	43	43	46	225					
	GRADE	A+	A+	A+	A+	A+	A+	A+	A+	A+	A	A	A+	A+					
18030490088 SUDHA BHARTI	FIN / EXT	62	62	62	62	62	53	363	21	22	19	20	21	103	752	752	9.81	8.53	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	22	172	23	25	20	22	24	114					
	TOTAL	92	92	92	92	92	75	535	44	47	39	42	45	217					
	GRADE	A+	A+	A+	A+	A+	B+	A	A+	B+	A	A+	A+						
18030490089 SUDHANSHU THAKUR	FIN / EXT	62	59	56	62	61	60	360	20	23	20	21	22	106	746	746	9.57	8.86	PASSED & PROMOTED
	TER / INT	30	27	25	30	29	28	169	20	25	20	22	24	111					
	TOTAL	92	86	81	92	90	88	529	40	48	40	43	46	217					
	GRADE	A+	A	A	A+	A+	A	A	A	A+	A	A	A+	A+					
18030490090 SUNIL KUMAR	FIN / EXT	52	49	46	52	51	45	295	18	22	19	21	20	100	665	665	8.67	6.91	PASSED & PROMOTED
	TER / INT	30	27	25	30	29	24	165	17	25	19	23	21	105					
	TOTAL	82	76	71	82	80	69	460	35	47	38	44	41	205					
	GRADE	A	B+	B+	A	A	B	B+	A+	B+	A	A	A						
18030490091 SUNNY EDWIN KULLU	FIN / EXT	56	54	56	57	55	52	330	18	20	21	22	21	102	704	704	8.90	7.57	PASSED & PROMOTED
	TER / INT	29	27	29	30	28	26	169	16	19	22	24	22	103					
	TOTAL	85	81	85	87	83	78	499	34	39	43	46	43	205					
	GRADE	A	A	A	A	A	B+	B	B+	A	A+	A	A						
18030490092 SURAJ KUMAR	FIN / EXT	56	57	49	53	57	50	322	20	22	19	20	20	101	682	682	8.71	8.29	PASSED & PROMOTED
	TER / INT	27	28	21	25	28	22	151	21	25	20	21	21	108					
	TOTAL	83	85	70	78	85	72	473	41	47	39	41	41	209					
	GRADE	A	A	B+	B+	A	B+	A	A+	B+	A	A	A						
18030490093 SURAJ KUMAR	FIN / EXT	62	62	62	62	61	60	369	20	22	20	20	21	103	761	761	9.76	8.93	PASSED & PROMOTED
	TER / INT	30	30	30	30	29	28	177	21	25	21	22	23	112					
	TOTAL	92	92	92	92	90	88	546	41	47	41	42	44	215					
	GRADE	A+	A+	A+	A+	A+	A	A	A	A+	A	A	A	A					
18030490094 SURAJ KUMAR PAUL	FIN / EXT	56	60	56	63	58	56	349	21	23	22	21	21	108	723	723	9.24	8.33	PASSED & PROMOTED
	TER / INT	24	27	24	30	26	24	155	21	25	23	21	21	111					
	TOTAL	80	87	80	93	84	80	504	42	48	45	42	42	219					
	GRADE	A	A	A	A+	A	A	A	A	A+	A+	A	A	A					
18030490095 SURYAKANT BECK	FIN / EXT	57	53	58	58	58	56	340	22	24	21	22	22	111	734	734	8.90	7.90	PASSED & PROMOTED
	TER / INT	29	26	30	30	30	28	173	22	25	20	22	21	110					
	TOTAL	86	79	88	88	88	84	513	44	49	41	44	43	221					
	GRADE	A	B+	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.

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
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B.TECH 4TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION-2020

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

Pages : 10 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-			
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490096 TASLIM ANSARI	FIN / EXT	59	54	59	59	59	55	345	20	20	22	21	20	103	719	719	8.76	8.48	PASSED & PROMOTED
	TER / INT	29	25	29	29	29	26	167	20	19	24	22	19	104					
	TOTAL	88	79	88	88	88	81	512	40	39	46	43	39	207					
	GRADE	A	B+	A	A	A	A	A	A	B+	A+	A	B+	A					
18030490097 UTTAM KUMAR	FIN / EXT	61	61	61	61	61	61	366	21	23	22	21	22	109	771	771	9.90	8.23	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	30	180	21	25	24	22	24	116					
	TOTAL	91	91	91	91	91	91	546	42	48	46	43	46	225					
	GRADE	A+	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	A+					
18030490098 VICKY KUMAR	FIN / EXT	61	62	61	62	62	55	363	21	23	20	21	21	106	750	750	9.76	8.86	PASSED & PROMOTED
	TER / INT	29	30	29	30	30	24	172	22	25	20	21	21	109					
	TOTAL	90	92	90	92	92	79	535	43	48	40	42	42	215					
	GRADE	A+	A+	A+	A+	A+	B+	A	A	A+	A	A	A	A					
18030490099 VIJAY KUMAR GOND	FIN / EXT	59	59	59	59	59	56	351	20	22	20	20	20	102	740	740	9.05	8.00	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	27	177	21	25	22	21	21	110					
	TOTAL	89	89	89	89	89	83	528	41	47	42	41	41	212					
	GRADE	A	A	A	A	A	A	A	A	A+	A	A	A	A					
18030490100 VIJAY LAXMI LAKRA	FIN / EXT	58	57	58	58	58	57	346	21	23	21	22	20	107	742	742	9.10	7.98	PASSED & PROMOTED
	TER / INT	30	29	30	30	30	29	178	21	25	22	23	20	111					
	TOTAL	88	86	88	88	88	86	524	42	48	43	45	40	218					
	GRADE	A	A	A	A	A	A	A	A	A+	A	A+	A	A					
18030490101 VIKASH KUMAR	FIN / EXT	61	61	61	60	61	58	362	22	23	22	21	22	110	764	764	9.81	8.63	PASSED & PROMOTED
	TER / INT	30	30	30	29	30	27	176	23	25	23	22	23	116					
	TOTAL	91	91	91	89	91	85	538	45	48	45	43	45	226					
	GRADE	A+	A+	A+	A	A+	A	A	A+	A+	A+	A	A+	A					
18030490102 VIKRAM KUMAR	FIN / EXT	64	64	64	64	64	61	381	22	23	21	21	22	109	781	781	9.90	9.00	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	27	177	23	25	21	22	23	114					
	TOTAL	94	94	94	94	94	88	558	45	48	42	43	45	223					
	GRADE	A+	A+	A+	A+	A+	A	A	A+	A+	A	A	A+	A					
18030490104 VIMAL SOREN	FIN / EXT	56	55	56	56	56	48	327	22	20	21	21	20	104	707	707	8.90	7.76	PASSED & PROMOTED
	TER / INT	30	29	30	30	30	23	172	23	19	21	22	19	104					
	TOTAL	86	84	86	86	86	71	499	45	39	42	43	39	208					
	GRADE	A	A	A	A	A	B+	A	A+	B+	A	A	B+	A					
18030490105 VINEET KUMAR BHAGAT	FIN / EXT	57	56	57	57	56	55	338	20	22	21	20	20	103	730	730	9.05	7.64	PASSED & PROMOTED
	TER / INT	30	29	30	30	29	28	176	21	25	23	22	22	113					
	TOTAL	87	85	87	87	85	83	514	41	47	44	42	42	216					
	GRADE	A	A	A	A	A	A	A	A	A+	A	A	A	A					
18030490106 VISHAL KUMAR	FIN / EXT	61	61	61	62	60	59	364	20	24	23	23	23	113	760	760	9.76	8.69	PASSED & PROMOTED
	TER / INT	29	29	29	30	28	27	172	17	25	23	23	23	111					
	TOTAL	90	90	90	92	88	86	536	37	49	46	46	46	224					
	GRADE	A+	A+	A+	A+	A	A	A	B+	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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Pages : 11 of 12

SGPA= \sum Semester(Course credits * Grade point) for all courses / \sum Semester(Course credits)	90% \geq A+	ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-	-	-	-			
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030490108 VIVEK KUMAR GUPTA	FIN / EXT	64	64	64	64	64	57	377	22	23	21	22	20	108	770	770	9.76	9.10	PASSED & PROMOTED
	TER / INT	30	30	30	30	30	24	174	23	25	21	23	19	111					
	TOTAL	94	94	94	94	94	81	551	45	48	42	45	39	219					
	GRADE	A+	A+	A+	A+	A+	A	A	A+	A+	A	A+	B+						
18030490109 VIVEK KUMAR MUNDA	FIN / EXT	56	56	56	57	57	54	336	20	23	21	21	22	107	728	728	9.10	8.13	PASSED & PROMOTED
	TER / INT	29	29	29	30	30	27	174	19	25	22	22	23	111					
	TOTAL	85	85	85	87	87	81	510	39	48	43	43	45	218					
	GRADE	A	A	A	A	A	A	A	B+	A+	A	A	A+						
18030490110 YOGESH KUMAR	FIN / EXT	58	58	58	59	59	59	351	20	19	21	20	20	100	735	735	8.95	7.94	PASSED & PROMOTED
	TER / INT	29	29	29	30	30	30	177	21	19	23	22	22	107					
	TOTAL	87	87	87	89	89	89	528	41	38	44	42	42	207					
	GRADE	A	A	A	A	A	A	A	A	B+	A	A	A						
18030495001 ABHISHEK KUMAR MISHRA	FIN / EXT	58	59	58	59	59	53	346	22	23	22	21	20	108	740	740	9.14	8.38	PASSED & PROMOTED
	TER / INT	29	30	29	30	30	25	173	23	25	23	22	20	113					
	TOTAL	87	89	87	89	89	78	519	45	48	45	43	40	221					
	GRADE	A	A	A	A	A	B+	A	A+	A+	A+	A	A						
18030495002 ANKIT CHOUBEY	FIN / EXT	56	62	56	63	62	58	357	20	20	22	21	20	103	725	725	9.43	9.12	PASSED & PROMOTED
	TER / INT	24	29	24	30	29	26	162	20	19	23	21	20	103					
	TOTAL	80	91	80	93	91	84	519	40	39	45	42	40	206					
	GRADE	A	A+	A	A+	A+	A	A	A	B+	A+	A	A						
18030495003 ANUPAM KUMAR SINGH	FIN / EXT	62	57	62	62	60	56	359	19	16	20	20	19	94	719	719	9.19	8.48	PASSED & PROMOTED
	TER / INT	30	26	30	30	28	25	169	19	14	22	22	20	97					
	TOTAL	92	83	92	92	88	81	528	38	30	42	42	39	191					
	GRADE	A+	A	A+	A+	A	A	A	B+	B	A	A	B+						
18030495004 AYUSH UMANG	FIN / EXT	65	64	65	65	65	63	387	22	23	19	21	22	107	782	782	9.86	9.36	PASSED & PROMOTED
	TER / INT	30	29	30	30	30	28	177	23	25	18	22	23	111					
	TOTAL	95	93	95	95	95	91	564	45	48	37	43	45	218					
	GRADE	A+	A+	A+	A+	A+	A+	A+	A+	A+	B+	A	A+						
18030495005 BIKRAM KUMAR MAHATO	FIN / EXT	59	58	59	59	59	56	350	19	22	21	21	19	102	738	738	8.90	8.24	PASSED & PROMOTED
	TER / INT	30	29	30	30	30	27	176	19	25	23	23	20	110					
	TOTAL	89	87	89	89	89	83	526	38	47	44	44	39	212					
	GRADE	A	A	A	A	A	A	A	B+	A+	A	A	B+						
18030495006 BIMAL MURMU	FIN / EXT	53	47	52	53	51	50	306	19	22	21	20	20	102	688	688	8.71	7.12	PASSED & PROMOTED
	TER / INT	30	25	29	30	28	27	169	20	25	23	21	22	111					
	TOTAL	83	72	81	83	79	77	475	39	47	44	41	42	213					
	GRADE	A	B+	A	A	B+	B+	A	B+	A+	A	A	A						
18030495007 CHANCHAL THAKUR	FIN / EXT	53	49	51	56	52	49	310	19	17	22	22	21	101	658	658	8.38	7.67	PASSED & PROMOTED
	TER / INT	26	22	24	28	25	22	147	18	14	23	23	22	100					
	TOTAL	79	71	75	84	77	71	457	37	31	45	45	43	201					
	GRADE	B+	B+	B+	A	B+	B+	A	B+	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.

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 4TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION-2020

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

Pages : 12 of 12

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ME401	ME402	ME403	PE401	EC404	EN401 / IT402	TOTAL THEORY	ME401P	ME403P	PE401P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	1	2	6	21				
70% - 79%	B+																		
60% - 69%	B	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
50% - 59%	C+																		
35% - 49%	C	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
<35%	F	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				
18030495008	FIN / EXT	56	56	56	56	56	53	333	18	22	20	20	20	100					
PAYEL DAS	TER / INT	30	30	30	30	30	27	177	18	25	22	22	22	109	719	719	9.00	8.12	PASSED & PROMOTED
	TOTAL	86	86	86	86	86	80	510	36	47	42	42	42	209					
	GRADE	A	A	A	A	A	A		B+	A+	A	A	A						
18030495009	FIN / EXT	63	62	63	64	62	62	376	21	20	22	21	20	104					
RANJIT KUMAR SAW	TER / INT	29	28	29	30	28	28	172	21	19	24	22	20	106	758	758	9.71	9.36	PASSED & PROMOTED
	TOTAL	92	90	92	94	90	90	548	42	39	46	43	40	210					
	GRADE	A+	A+	A+	A+	A+	A+		A	B+	A+	A	A						
18030495010	FIN / EXT	63	63	63	64	64	59	376	20	23	22	21	22	108					
RITESH KUMAR JHA	TER / INT	29	29	29	30	30	26	173	20	25	24	22	23	114	771	771	9.90	9.33	PASSED & PROMOTED
	TOTAL	92	92	92	94	94	85	549	40	48	46	43	45	222					
	GRADE	A+	A+	A+	A+	A+	A		A	A+	A+	A	A+						
18030495011	FIN / EXT	48	43	48	55	42	46	282	20	22	20	21	21	104					
SUKUMAR MUNDA	TER / INT	24	20	24	30	19	22	139	21	25	22	23	23	114	639	639	8.19	7.34	PASSED & PROMOTED
	TOTAL	72	63	72	85	61	68	421	41	47	42	44	44	218					
	GRADE	B+	B	B+	A	B	B		A	A+	A	A	A						
18030495012	FIN / EXT	59	59	59	59	58	54	348	18	23	21	22	21	105					
SUMAN SOURAV	TER / INT	30	30	30	30	29	26	175	16	25	22	23	22	108	736	736	9.00	8.45	PASSED & PROMOTED
	TOTAL	89	89	89	89	87	80	523	34	48	43	45	43	213					
	GRADE	A	A	A	A	A	A		B	A+	A	A+	A						
18030495014	FIN / EXT	53	54	53	60	62	49	331	21	18	22	22	22	105					
SONU KACHHAP	TER / INT	22	23	22	28	30	19	144	20	14	21	21	22	98	678	678	8.62	8.53	PASSED & PROMOTED
	TOTAL	75	77	75	88	92	68	475	41	32	43	43	44	203					
	GRADE	B+	B+	B+	A	A+	B		A	B	A	A	A						
18030495015	FIN / EXT	61	56	61	61	61	54	354	20	16	21	20	19	96					
LAXMAN PRASAD GUPTA	TER / INT	30	26	30	30	30	24	170	21	14	23	22	19	99	719	719	9.38	8.72	PASSED & PROMOTED
	TOTAL	91	82	91	91	91	78	524	41	30	44	42	38	195					
	GRADE	A+	A	A+	A+	A+	B+		A	B	A	A	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.

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B.TECH 4TH SEMESTER IN PRODUCTION ENGINEERING EXAMINATION-2020

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

Pages : 1 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		PE401	PE402	PE403	ME401	EC404	EN401 / IT402	TOTAL THEORY	PE401P	ME401P	EC404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	3	3	3	3	3	0	15	1	1	1	1	2	6	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					
	18030520001 ABHISHEK KUMAR SUSHIL	60 29 89 A	60 29 89 A	61 30 91 A+	61 30 91 A+	60 29 89 A	61 30 91 A+	363 177 540	18 18 36 B+	21 24 45 A+	20 21 41 A	20 22 42 A	20 21 41 A	99 106 205	745	745	9.29	8.62	PASSED & PROMOTED	
	18030520003 AMAN KUMAR	56 30 86 A	54 28 82 A	54 28 82 A	54 28 82 A	56 30 86 A	54 28 82 A	328 172 500	20 20 40 A	21 22 43 A	22 23 45 A+	21 22 43 A	21 21 42 A	105 108 213	713	713	9.05	7.60	PASSED & PROMOTED	
	18030520004 AMAN PATEL	61 30 91 A+	60 29 89 A	59 28 87 A	59 28 87 A	61 30 91 A+	60 29 89 A	360 174 534	21 22 43 A	21 22 43 A	21 21 42 A	22 23 45 A+	22 23 45 A+	107 111 218	752	752	9.43	8.46	PASSED & PROMOTED	
	18030520005 ANISHA ARUNIMA	60 29 89 A	61 30 91 A+	61 30 91 A+	61 30 91 A+	61 30 91 A+	60 29 89 A	364 178 542	21 21 42 A	22 24 46 A+	22 23 45 A+	22 23 45 A+	22 23 45 A+	109 114 223	765	765	9.81	8.63	PASSED & PROMOTED	
	18030520006 ANJALI	58 29 87 A	58 29 87 A	56 27 83 A	57 28 85 A	59 30 89 A	58 29 87 A	346 172 518	22 24 46 A+	21 22 43 A	22 23 45 A+	21 22 43 A	21 21 42 A	107 112 219	737	737	9.10	8.07	PASSED & PROMOTED	
	18030520008 ANKIT RAJ	49 28 77 B+	49 28 77 B+	49 28 77 B+	49 28 77 B+	49 28 77 B+	50 29 79 B+	295 169 464	21 22 43 A	21 22 43 A	22 23 45 A+	22 23 45 A+	21 22 43 A	107 112 219	683	683	8.38	6.22	PASSED & PROMOTED	
	18030520009 ANKUR SHARMA	59 29 88 A	59 29 88 A	59 29 88 A	58 28 86 A	58 28 86 A	59 29 88 A	352 172 524	20 19 39 B+	21 22 43 A	22 23 45 A+	22 23 45 A+	19 17 36 B+	104 104 208	732	732	8.95	7.88	PASSED & PROMOTED	
	18030520010 ASHUTOSH GUPTA	57 29 86 A	58 30 88 A	56 28 84 A	56 28 84 A	57 29 86 A	57 29 86 A	341 173 514	22 24 46 A+	21 22 43 A	22 23 45 A+	22 23 45 A+	21 21 42 A	108 113 221	735	735	9.14	7.56	PASSED & PROMOTED	
	18030520011 AYUSH KUMAR	61 30 91 A+	60 29 89 A	59 28 87 A	59 28 87 A	60 29 89 A	61 30 91 A+	360 174 534	22 24 46 A+	21 22 43 A	22 23 45 A+	21 21 42 A	21 22 43 A	107 112 219	753	753	9.24	8.60	PASSED & PROMOTED	
	18030520012 AYUSH KUMAR GUPTA	61 30 91 A+	59 28 87 A	59 28 87 A	59 28 87 A	61 30 91 A+	59 28 87 A	358 172 530	19 19 38 B+	20 22 42 A	20 21 41 A	20 22 42 A	20 21 41 A	99 105 204	734	734	9.24	8.32	PASSED & PROMOTED	

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

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

Pages : 2 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		PE401	PE402	PE403	ME401	EC404	EN401 / IT402	TOTAL THEORY	PE401P	ME401P	EC404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	3	3	3	3	3	0	15	1	1	1	1	2	6	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					
	18030520013 BINOD KUMAR	59 29 88 A	59 29 88 A	58 28 86 A	58 28 86 A	58 28 86 A	59 29 88 A	351 171 522	20 21 41 A	20 22 42 A	21 23 44 A	20 22 42 A	20 22 42 A	101 110 211	733	733	9.00	8.34	PASSED & PROMOTED	
	18030520014 GAUTAM KUMAR	56 30 86 A	55 29 84 A	54 28 82 A	54 28 82 A	56 30 86 A	56 30 86 A	331 175 506	19 19 38 B+	20 22 42 A	20 21 41 A	21 23 44 A	20 21 41 A	100 106 206	712	712	8.95	7.84	PASSED & PROMOTED	
	18030520015 GIRIDHAR KUMAR RAM	56 30 86 A	54 28 82 A	54 28 82 A	54 28 82 A	56 30 86 A	56 30 86 A	330 174 504	22 25 47 A+	20 22 42 A	21 23 44 A	20 22 42 A	20 22 42 A	103 114 217	721	721	9.05	7.36	PASSED & PROMOTED	
	18030520017 KANCHAN	58 29 87 A	58 29 87 A	58 29 87 A	57 28 85 A	59 30 89 A	58 29 87 A	348 174 522	22 24 46 A+	21 22 43 A	22 23 45 A+	21 22 43 A	22 23 45 A+	108 114 222	744	744	9.19	7.82	PASSED & PROMOTED	
	18030520018 MANNU KUMAR	52 30 82 A	49 27 76 B+	50 28 78 B+	50 28 78 B+	52 30 82 A	52 30 82 A	305 173 478	20 19 39 B+	21 22 43 A	22 23 45 A+	21 22 43 A	21 22 43 A	105 108 213	691	691	8.57	6.81	PASSED & PROMOTED	
	18030520019 MD MOJAHID IMAM	45 26 71 B+	49 29 78 B+	48 28 76 B+	48 28 76 B+	44 25 69 B	49 29 78 B+	283 165 448	18 18 36 B+	20 22 42 A	21 23 44 A	21 23 44 A	18 17 35 B+	98 103 201	649	649	8.00	5.96	PASSED & PROMOTED	
	18030520020 NIKHIL RAJ BIRUA	53 29 82 A	52 28 80 A	49 26 75 B+	52 28 80 A	54 30 84 A	53 29 82 A	313 170 483	18 18 36 B+	20 22 42 A	20 21 41 A	21 23 44 A	20 22 42 A	99 106 205	688	688	8.81	6.80	PASSED & PROMOTED	
	18030520021 NILMANI	57 29 86 A	53 26 79 B+	56 28 84 A	56 28 84 A	53 26 79 B+	56 28 84 A	331 165 496	20 19 39 B+	21 22 43 A	22 23 45 A+	22 23 45 A+	21 22 43 A	106 109 215	711	711	8.76	7.62	PASSED & PROMOTED	
	18030520022 NISHA KUMARI	61 29 90 A+	61 29 90 A+	62 30 92 A+	62 30 92 A+	62 30 92 A+	61 29 90 A+	369 177 546	21 21 42 A	22 24 46 A+	22 23 45 A+	21 22 43 A	22 23 45 A+	108 113 221	767	767	9.90	8.75	PASSED & PROMOTED	
	18030520023 NISHA MANJHI	56 30 86 A	55 29 84 A	54 28 82 A	54 28 82 A	55 29 84 A	55 29 84 A	329 173 502	21 22 43 A	21 22 43 A	21 21 42 A	21 22 43 A	21 21 42 A	105 108 213	715	715	9.00	7.36	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 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		PE401	PE402	PE403	ME401	EC404	EN401 / IT402	TOTAL THEORY	PE401P	ME401P	EC404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% \geq A+																				
80% - 89% A	Course Credit Point	3	3	3	3	3	0	15	1	1	1	1	2	6	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					
	18030520024 PAYAL SINGH	59 29 88 A	59 29 88 A	58 28 86 A	58 28 86 A	60 30 90 A+	59 29 88 A	353 173 526	20 19 39 B+	21 22 43 A	22 23 45 A+	21 22 43 A	22 23 45 A+	106 109 215	741	741	9.24	7.93	PASSED & PROMOTED	
	18030520025 PRAKASH MURMU	55 29 84 A	55 29 84 A	55 29 84 A	56 30 86 A	56 30 86 A	55 29 84 A	332 176 508	19 19 38 B+	21 24 45 A+	20 21 41 A	20 22 42 A	21 23 44 A	101 109 210	718	718	9.00	7.43	PASSED & PROMOTED	
	18030520026 PRASHANT KUMAR JHA	60 28 88 A	61 29 90 A+	61 29 90 A+	62 30 92 A+	62 30 92 A+	61 29 90 A+	367 175 542	23 25 48 A+	22 24 46 A+	21 21 42 A	21 21 42 A	21 22 43 A	108 113 221	763	763	9.67	8.63	PASSED & PROMOTED	
	18030520027 PRAVEEN KUMAR	57 28 85 A	56 27 83 A	58 29 87 A	59 30 89 A	59 30 89 A	58 29 87 A	347 173 520	22 25 47 A+	21 24 45 A+	20 21 41 A	20 21 41 A	20 22 42 A	103 113 216	736	736	9.10	7.94	PASSED & PROMOTED	
	18030520028 RAHUL KUMAR	57 27 84 A	53 24 77 B+	57 27 84 A	60 30 90 A+	60 30 90 A+	60 30 90 A+	347 168 515	22 24 46 A+	22 24 46 A+	22 23 45 A+	22 23 45 A+	21 22 43 A	109 116 225	740	740	9.33	8.09	PASSED & PROMOTED	
	18030520029 RAHUL KUMAR	54 29 83 A	53 28 81 A	53 28 81 A	53 28 81 A	53 28 81 A	52 27 79 B+	318 168 486	19 19 38 B+	20 22 42 A	20 21 41 A	20 21 41 A	19 20 39 B+	98 103 201	687	687	8.86	7.60	PASSED & PROMOTED	
	18030520030 RAJMOHAN ORAON	50 30 80 A	47 27 74 B+	48 28 76 B+	48 28 76 B+	41 22 63 B	49 29 78 B+	283 164 447	19 20 39 B+	20 22 42 A	21 23 44 A	20 22 42 A	20 21 41 A	100 108 208	655	655	8.24	6.43	PASSED & PROMOTED	
	18030520031 RAMAKANT PANDIT	58 29 87 A	53 25 78 B+	53 25 78 B+	59 30 89 A	58 29 87 A	58 29 87 A	339 167 506	21 24 45 A+	21 24 45 A+	20 21 41 A	20 22 42 A	20 21 41 A	102 112 214	720	720	8.81	8.03	PASSED & PROMOTED	
	18030520032 RAMESH KISKU	54 30 84 A	51 27 78 B+	52 28 80 A	52 28 80 A	48 25 73 B+	53 29 82 A	310 167 477	22 25 47 A+	20 22 42 A	21 23 44 A	21 24 45 A+	20 21 41 A	104 115 219	696	696	8.81	7.15	PASSED & PROMOTED	
	18030520034 SANDEEP KUMAR	51 30 81 A	49 28 77 B+	51 30 81 A	51 30 81 A	51 30 81 A	51 30 81 A	304 178 482	19 20 39 B+	21 24 45 A+	21 23 44 A	20 22 42 A	20 22 42 A	101 111 212	694	694	8.86	6.53	PASSED & PROMOTED	

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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					
	18030520035 SANDEEP KUMAR	47 26 73 B+	46 25 71 B+	50 28 78 B+	50 28 78 B+	50 28 78 B+	49 27 76 B+	292 162 454	20 20 40 A	21 22 43 A	22 23 45 A+	21 22 43 A	21 22 43 A	105 109 214	668	668	8.33	6.38	PASSED & PROMOTED	
	18030520036 SAQLAIN FIROZ	59 29 88 A	57 27 84 A	60 30 90 A+	60 30 90 A+	59 29 88 A	59 29 88 A	354 174 528	20 20 40 A	22 24 46 A+	22 23 45 A+	22 23 45 A+	22 23 45 A+	108 113 221	749	749	9.52	8.50	PASSED & PROMOTED	
	18030520037 SHAHBAJ ALAM	53 29 82 A	48 25 73 B+	52 28 80 A	52 28 80 A	52 28 80 A	53 29 82 A	310 167 477	20 22 42 A	20 22 42 A	21 23 44 A	21 24 45 A+	20 21 41 A	102 112 214	691	691	8.90	7.35	PASSED & PROMOTED	
	18030520038 SHISHIR KUMAR	57 29 86 A	56 28 84 A	56 28 84 A	56 28 84 A	58 30 88 A	57 29 86 A	340 172 512	19 20 39 B+	20 22 42 A	21 23 44 A	21 23 44 A	20 21 41 A	101 109 210	722	722	8.95	7.88	PASSED & PROMOTED	
	18030520039 SHIVAM SINGH	56 29 85 A	57 30 87 A	57 30 87 A	57 30 87 A	56 29 85 A	56 29 85 A	339 177 516	22 25 47 A+	21 24 45 A+	20 21 41 A	21 24 45 A+	21 23 44 A	105 117 222	738	738	9.14	7.79	PASSED & PROMOTED	
	18030520040 SHIVDEV TUDU	39 24 63 B	36 21 57 C+	32 18 50 C+	37 22 59 C+	32 18 50 C+	39 24 63 B	215 127 342	19 20 39 B+	19 20 39 B+	20 21 41 A	21 23 44 A	19 20 39 B+	98 104 202	544	544	6.81	4.82	PASSED & PROMOTED	
	18030520041 SHRUTI KUMARI	62 29 91 A+	63 30 93 A+	63 30 93 A+	63 30 93 A+	63 30 93 A+	61 28 89 A	375 177 552	21 22 43 A	22 24 46 A+	22 23 45 A+	22 23 45 A+	22 23 45 A+	109 115 224	776	776	9.95	8.75	PASSED & PROMOTED	
	18030520042 SONU KUMAR	59 30 89 A	57 28 85 A	57 28 85 A	57 28 85 A	59 30 89 A	57 28 85 A	346 172 518	22 24 46 A+	21 22 43 A	22 23 45 A+	21 21 42 A	21 21 42 A	107 111 218	736	736	9.10	7.86	PASSED & PROMOTED	
	18030520043 SOUVIK SEN	60 29 89 A	60 29 89 A	59 28 87 A	59 28 87 A	61 30 91 A+	60 29 89 A	359 173 532	18 18 36 B+	20 22 42 A	21 23 44 A	20 22 42 A	20 22 42 A	99 107 206	738	738	9.10	8.32	PASSED & PROMOTED	
	18030520044 SUMAN SHRUTI	60 29 89 A	61 30 91 A+	59 28 87 A	59 28 87 A	60 29 89 A	60 29 89 A	359 173 532	20 19 39 B+	21 22 43 A	22 23 45 A+	21 21 42 A	22 23 45 A+	106 108 214	746	746	9.24	8.34	PASSED & PROMOTED	

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

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

B.TECH 4TH SEMESTER IN PRODUCTION ENGINEERING EXAMINATION-2020

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

Pages : 5 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		PE401	PE402	PE403	ME401	EC404	EN401 / IT402	TOTAL THEORY	PE401P	ME401P	EC404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq A+																			
80% - 89% A	Course Credit Point	3	3	3	3	3	0	15	1	1	1	1	2	6	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				
	18030520045 SUSHIL KUMAR	61 30 91 A+	60 29 89 A	61 30 91 A+	61 30 91 A+	61 30 91 A+	60 29 89 A	364 178 542	20 22 42 A	21 24 45 A+	21 23 44 A	21 24 45 A+	20 21 41 A	103 114 217	759	759	9.67	8.48	PASSED & PROMOTED
	18030520047 UDIT PRIYADARSHI	51 29 80 A	51 29 80 A	50 28 78 B+	50 28 78 B+	52 30 82 A	51 29 80 A	305 173 478	17 18 35 B+	19 22 41 A	19 21 40 A	20 23 43 A	19 21 40 A	94 105 199	677	677	8.67	6.67	PASSED & PROMOTED
	18030520048 URJA AMBASTA	63 30 93 A+	62 29 91 A+	63 30 93 A+	63 30 93 A+	63 30 93 A+	61 28 89 A	375 177 552	22 23 45 A+	22 24 46 A+	22 23 45 A+	21 22 43 A	21 21 42 A	108 113 221	773	773	9.86	8.87	PASSED & PROMOTED
	18030520049 VIVEK BHARTI	61 30 91 A+	59 28 87 A	59 28 87 A	59 28 87 A	59 28 87 A	60 29 89 A	357 171 528	19 20 39 B+	20 22 42 A	19 19 38 B+	20 22 42 A	20 21 41 A	98 104 202	730	730	9.05	7.65	PASSED & PROMOTED
	18030520050 VIVEK KUMAR	63 29 92 A+	61 27 88 A	64 30 94 A+	64 30 94 A+	63 29 92 A+	63 29 92 A+	378 174 552	20 20 40 A	22 24 46 A+	21 21 42 A	21 22 43 A	21 21 42 A	105 108 213	765	765	9.62	8.85	PASSED & PROMOTED
	18030525001 AASHUTOSH CHOUBEY	56 30 86 A	54 28 82 A	54 28 82 A	54 28 82 A	54 28 82 A	51 26 77 B+	323 168 491	21 24 45 A+	20 22 42 A	21 23 44 A	21 23 44 A	21 23 44 A	104 115 219	710	710	9.05	7.86	PASSED & PROMOTED
	18030525002 ABHIJEET SINGH	62 29 91 A+	62 29 91 A+	61 28 89 A	61 28 89 A	61 28 89 A	62 29 91 A+	369 171 540	21 24 45 A+	20 22 42 A	21 23 44 A	21 23 44 A	20 21 41 A	103 113 216	756	756	9.33	8.91	PASSED & PROMOTED
	18030525003 AKASH KUMAR	57 29 86 A	57 29 86 A	56 28 84 A	56 28 84 A	58 30 88 A	57 29 86 A	341 173 514	21 23 44 A	20 22 42 A	21 23 44 A	21 23 44 A	20 21 41 A	103 112 215	729	729	9.00	8.00	PASSED & PROMOTED
	18030525004 DEBASISH ROSHAN	59 30 89 A	57 28 85 A	57 28 85 A	57 28 85 A	57 28 85 A	58 29 87 A	345 171 516	19 19 38 B+	20 22 42 A	20 21 41 A	21 23 44 A	20 22 42 A	100 107 207	723	723	8.95	8.24	PASSED & PROMOTED
	18030525006 PAMPA MAJHI	55 29 84 A	54 28 82 A	54 28 82 A	54 28 82 A	55 29 84 A	55 29 84 A	327 171 498	20 21 41 A	20 22 42 A	21 23 44 A	20 22 42 A	20 21 41 A	101 109 210	708	708	9.00	7.74	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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Pages : 6 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		PE401	PE402	PE403	ME401	EC404	EN401 / IT402	TOTAL THEORY	PE401P	ME401P	EC404P	EX401	IN401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL			
90% \geq	A+																		
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	1	2	6	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		61	59	59	59	60	61	359	20	21	22	21	21	105					
Full Marks - Final / Ext.		30	28	28	28	29	30	173	20	22	23	22	21	108	745	745	9.19	8.74	PASSED & PROMOTED
Full Marks - Ter. / Int.		91	87	87	87	89	91	532	40	43	45	43	42	213					
Subject Total		A+	A	A	A	A	A+		A	A	A+	A	A						
Pass Marks - Fin. Ext.		59	59	58	58	60	59	353	19	20	21	20	20	100					
Pass Marks - Subject		29	29	28	28	30	29	173	20	22	23	22	21	108	734	734	9.10	8.22	PASSED & PROMOTED
		88	88	86	86	90	88	526	39	42	44	42	41	208					
		A	A	A	A	A+	A		B+	A	A	A	A						
18030525007	FIN / EXT	56	56	55	55	33	56	311	18	19	20	19	18	94					
RAHUL KUMAR MISHRA	TER / INT	29	29	28	28	9	29	152	20	22	23	22	20	107	664	664	8.29	7.62	PASSED & PROMOTED
	TOTAL	85	85	83	83	42	85	463	38	41	43	41	38	201					
	GRADE	A	A	A	A	C	A		B+	A	A	A	B+						
18030525008	FIN / EXT	66	66	66	66	68	68	400	23	22	23	21	23	112					
SAROJ KUMAR MAHATO	TER / INT	28	28	28	28	30	30	172	24	22	23	20	24	113	797	797	9.90	9.83	PASSED & PROMOTED
	TOTAL	94	94	94	94	98	98	572	47	44	46	41	47	225					
	GRADE	A+	A+	A+	A+	A+	A+		A+	A	A+	A	A+						
18030525009	FIN / EXT	65	66	66	65	67	66	395	22	22	23	23	20	110					
SUBHOJEET KUMAR GORAIN	TER / INT	28	29	29	28	30	29	173	21	22	23	23	17	106	784	784	9.71	9.50	PASSED & PROMOTED
	TOTAL	93	95	95	93	97	95	568	43	44	46	46	37	216					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A+	A+	B+						
18030525010	FIN / EXT	68	65	67	66	66	67	399	21	22	23	22	22	110					
CHANDRA PRAKASH PANDIT	TER / INT	30	27	29	28	28	29	171	19	22	23	22	21	107	787	787	9.76	9.69	PASSED & PROMOTED
	TOTAL	98	92	96	94	94	96	570	40	44	46	44	43	217					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A+	A	A						
18030525011	FIN / EXT	68	65	67	66	66	67	399	21	22	23	22	22	110					
RITIK KUMAR	TER / INT	30	27	29	28	28	29	171	19	22	23	22	21	107	787	787	9.76	9.69	PASSED & PROMOTED
	TOTAL	98	92	96	94	94	96	570	40	44	46	44	43	217					
	GRADE	A+	A+	A+	A+	A+	A+		A	A	A+	A	A						
18030525012	FIN / EXT	68	65	67	66	66	67	399	21	22	23	22	22	110					
ROSHAN KUMAR SAW	TER / INT	30	27	29	28	28	29	171	19	22	23	22	21	107	787	787	9.76	9.69	PASSED & PROMOTED
	TOTAL	98	92	96	94	94	96	570	40	44	46	44	43	217					
	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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ON THE BASIS OF INTERNAL MARKS FROM INSTITUTE & PREVIOUS SEMESTER MARKS AS PER UGC/AICTE GUIDELINE.

Pages : 1 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC404	MN401	MN402	MN403	MN404	EN401 / IT402	TOTAL THEORY	MN401P	MN402P	MN403P	IN401	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
	90% \geq A+																			
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	2	1	6	21					
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545					
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21	21	-	-	-	-	-							
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
18030510001 ADITYA TIWARI	FIN / EXT TER / INT TOTAL GRADE	53 27 80 A	50 25 75 B+	53 27 80 A	50 25 75 B+	51 26 77 B+	55 29 84 A	312 159 471	22 22 44 A	21 20 41 A	21 20 41 A	22 22 44 A	22 22 44 A	108 106 214	685	685	8.57	7.36	PASSED & PROMOTED	
18030510002 ANAND SHANKAR	FIN / EXT TER / INT TOTAL GRADE	57 28 85 A	57 28 85 A	56 27 83 A	54 26 80 A	57 28 85 A	58 29 87 A	339 166 505	21 22 43 A	19 18 37 B+	20 20 40 A	22 23 45 A+	21 22 43 A	103 105 208	713	713	9.05	8.19	PASSED & PROMOTED	
18030510003 ANIKESH KUMAR MISHRA	FIN / EXT TER / INT TOTAL GRADE	59 27 86 A	62 30 92 A+	62 30 92 A+	60 28 88 A	59 27 86 A	61 29 90 A+	363 171 534	21 21 42 A	20 19 39 B+	21 22 43 A	22 23 45 A+	21 22 43 A	105 107 212	746	746	9.33	8.91	PASSED & PROMOTED	
18030510004 ANUBHAW KUMAR SHARMA	FIN / EXT TER / INT TOTAL GRADE	57 26 83 A	59 27 86 A	62 30 92 A+	59 27 86 A	57 26 83 A	61 29 90 A+	355 165 520	21 22 43 A	21 21 42 A	21 22 43 A	22 23 45 A+	22 23 45 A+	107 111 218	738	738	9.29	8.78	PASSED & PROMOTED	
18030510005 APOORV ASHISH PARMAR	FIN / EXT TER / INT TOTAL GRADE	52 27 79 B+	46 22 68 B	52 27 79 B+	52 27 79 B+	52 27 79 B+	54 29 83 A	308 159 467	22 23 45 A+	21 21 42 A	20 20 40 A	21 21 42 A	22 23 45 A+	106 108 214	681	681	8.24	7.20	PASSED & PROMOTED	
18030510006 ARVIND KUMAR	FIN / EXT TER / INT TOTAL GRADE	50 27 77 B+	44 22 66 B	51 28 79 B+	47 25 72 B+	50 27 77 B+	52 29 81 A	294 158 452	22 23 45 A+	19 18 37 B+	20 20 40 A	20 20 40 A	22 23 45 A+	103 104 207	659	659	8.19	7.53	PASSED & PROMOTED	
18030510007 ASHISH HANSDA	FIN / EXT TER / INT TOTAL GRADE	51 26 77 B+	56 30 86 A	53 27 80 A	50 25 75 B+	53 27 80 A	55 29 84 A	318 164 482	21 22 43 A	19 17 36 B+	21 22 43 A	20 20 40 A	22 23 45 A+	103 104 207	689	689	8.71	7.16	PASSED & PROMOTED	
18030510008 ASHUTOSH KUMAR OJHA	FIN / EXT TER / INT TOTAL GRADE	59 28 87 A	61 30 91 A+	61 30 91 A+	59 28 87 A	59 28 87 A	61 30 91 A+	360 174 534	22 21 43 A	23 23 46 A+	21 20 41 A	22 22 44 A	23 23 46 A+	111 109 220	754	754	9.38	8.27	PASSED & PROMOTED	
18030510009 BHABESHWAR GIRI	FIN / EXT TER / INT TOTAL GRADE	53 23 76 B+	55 25 80 A	61 30 91 A+	55 25 80 A	59 28 87 A	60 29 89 A	343 160 503	22 22 44 A	22 22 44 A	22 22 44 A	23 23 46 A+	22 22 44 A	111 111 222	725	725	9.10	8.44	PASSED & PROMOTED	
18030510010 BHAGMAT TUDU	FIN / EXT TER / INT TOTAL GRADE	52 27 79 B+	55 30 85 A	52 27 79 B+	53 28 81 A	53 28 81 A	54 29 83 A	319 169 488	20 22 42 A	18 18 36 B+	20 21 41 A	21 23 44 A	20 22 42 A	99 106 205	693	693	8.67	6.99	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+	EC404	MN401	MN402	MN403	MN404	EN401 / IT402	TOTAL THEORY	MN401P	MN402P	MN403P	IN401	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	2	1	6	21				
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030510011 BIMAL KUJUR	FIN / EXT	47	47	54	41	45	53	287	21	20	21	21	22	105	647	647	8.14	6.77	PASSED & PROMOTED
	TER / INT	24	24	30	19	22	29	148	22	19	21	22	23	107					
	TOTAL	71	71	84	60	67	82	435	43	39	42	43	45	212					
	GRADE	B+	B+	A	B	B	A		A	B+	A	A	A+						
18030510012 BIRENDRA TUDU	FIN / EXT	51	55	54	49	55	56	320	21	19	21	22	22	105	692	692	8.81	7.98	PASSED & PROMOTED
	TER / INT	25	28	27	23	28	29	160	21	18	22	23	23	107					
	TOTAL	76	83	81	72	83	85	480	42	37	43	45	45	212					
	GRADE	B+	A	A	B+	A	A		A	B+	A	A+	A+						
18030510013 CHANDAN KUMAR RAJWAR	FIN / EXT	60	57	60	55	59	59	350	22	23	21	21	22	109	745	745	9.43	8.54	PASSED & PROMOTED
	TER / INT	30	27	30	26	29	29	171	23	25	22	22	23	115					
	TOTAL	90	84	90	81	88	88	521	45	48	43	43	45	224					
	GRADE	A+	A	A+	A	A	A		A+	A+	A	A	A+						
18030510014 KRISHNA MURMU	FIN / EXT	50	51	52	44	50	51	298	20	18	20	21	20	99	670	670	8.38	6.84	PASSED & PROMOTED
	TER / INT	28	29	30	23	28	29	167	22	18	21	23	22	106					
	TOTAL	78	80	82	67	78	80	465	42	36	41	44	42	205					
	GRADE	B+	A	A	B	B+	A		A	B+	A	A	A						
18030510015 KUMAR RITESH	FIN / EXT	56	53	56	53	57	58	333	22	20	21	22	21	106	708	708	8.81	7.88	PASSED & PROMOTED
	TER / INT	27	25	27	25	28	29	161	23	19	21	23	22	108					
	TOTAL	83	78	83	78	85	87	494	45	39	42	45	43	214					
	GRADE	A	B+	A	B+	A	A		A+	B+	A	A+	A						
18030510016 KUNAL KISHOR	FIN / EXT	60	62	62	57	61	61	363	22	22	22	23	22	111	756	756	9.52	8.82	PASSED & PROMOTED
	TER / INT	28	30	30	26	29	29	172	22	22	21	23	22	110					
	TOTAL	88	92	92	83	90	90	535	44	44	43	46	44	221					
	GRADE	A	A+	A+	A	A+	A+		A	A	A	A+	A						
18030510017 KUSHAGRA KUMAR	FIN / EXT	57	59	57	55	58	59	345	22	23	22	22	23	112	733	733	9.10	8.15	PASSED & PROMOTED
	TER / INT	27	29	27	26	28	29	166	21	23	21	22	23	110					
	TOTAL	84	88	84	81	86	88	511	43	46	43	44	46	222					
	GRADE	A	A	A	A	A	A		A	A+	A	A	A+						
18030510018 MAYANK SINHA	FIN / EXT	57	59	59	49	57	57	338	21	21	21	21	22	106	717	717	8.90	8.18	PASSED & PROMOTED
	TER / INT	28	30	30	21	28	28	165	21	22	21	21	23	108					
	TOTAL	85	89	89	70	85	85	503	42	43	42	42	45	214					
	GRADE	A	A	A	B+	A	A		A	A	A	A	A+						
18030510019 MD AFSAR HUSSAIN	FIN / EXT	57	57	58	52	58	58	340	21	20	21	22	22	106	728	728	9.00	8.48	PASSED & PROMOTED
	TER / INT	29	29	30	25	30	30	173	22	20	21	23	23	109					
	TOTAL	86	86	88	77	88	88	513	43	40	42	45	45	215					
	GRADE	A	A	A	B+	A	A		A	A	A	A+	A+						
18030510020 MD AFTAB ALAM	FIN / EXT	60	61	61	52	60	61	355	22	22	22	21	23	110	742	742	9.19	8.44	PASSED & PROMOTED
	TER / INT	29	30	30	22	29	30	170	22	21	21	20	23	107					
	TOTAL	89	91	91	74	89	91	525	44	43	43	41	46	217					
	GRADE	A	A+	A+	B+	A	A		A	A	A	A	A+						

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90% \geq A+																				
80% - 89% A	Course Credit Point	3	3	3	3	3	0	15	1	1	1	2	1	6	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					
	18030510021 NAVEEN KUJUR	58 30 88 A	55 27 82 A	56 28 84 A	51 24 75 B+	58 30 88 A	58 30 88 A	336 169 505	23 23 46 A+	21 19 40 A	22 21 43 A	23 24 47 A+	23 23 46 A+	112 110 222	727	727	9.05	8.29	PASSED & PROMOTED	
	18030510022 OM PRAKASH DAS	50 27 77 B+	52 29 81 A	51 28 79 B+	46 24 70 B+	52 29 81 A	303 166 469	22 23 45 A+	19 18 37 B+	20 20 40 A	22 23 45 A+	22 23 45 A+	105 107 212	681	681	8.71	7.31	PASSED & PROMOTED		
	18030510023 PANKAJ KUMAR	42 22 64 B	48 27 75 B+	48 27 75 B+	43 23 66 B	49 28 77 B+	50 29 79 B+	280 156 436	21 22 43 A	21 21 42 A	21 22 43 A	22 23 45 A+	22 23 45 A+	107 111 218	654	654	8.14	6.63	PASSED & PROMOTED	
	18030510024 PRAKASH KUMAR MAHATO	54 27 81 A	49 23 72 B+	57 30 87 A	49 23 72 B+	55 28 83 A	56 29 85 A	320 160 480	21 22 43 A	20 19 39 B+	21 21 42 A	20 20 40 A	22 23 45 A+	104 105 209	689	689	8.71	7.93	PASSED & PROMOTED	
	18030510025 RAHUL KUMAR	55 27 82 A	49 22 71 B+	58 30 88 A	53 26 79 B+	55 27 82 A	57 29 86 A	327 161 488	22 22 44 A	23 23 46 A+	22 22 44 A	23 23 46 A+	22 22 44 A	112 112 224	712	712	8.86	8.10	PASSED & PROMOTED	
	18030510026 RAHUL KUMAR	45 24 69 B	38 18 56 C+	44 23 67 B	38 18 56 C+	38 18 56 C+	51 29 80 A	254 130 384	20 21 41 A	19 19 38 B+	20 21 41 A	20 21 41 A	20 22 42 A	99 104 203	587	587	7.10	6.38	PASSED & PROMOTED	
	18030510027 RAJAN KUMAR DUBEY	56 27 83 A	58 29 87 A	59 30 89 A	53 25 78 B+	58 29 87 A	59 30 89 A	343 170 513	21 21 42 A	20 19 39 B+	21 21 42 A	21 21 42 A	21 22 43 A	104 104 208	721	721	8.81	8.18	PASSED & PROMOTED	
	18030510028 RAJU MANDAL	58 28 86 A	57 27 84 A	57 27 84 A	52 23 75 B+	60 30 90 A+	60 30 90 A+	344 165 509	22 23 45 A+	20 20 40 A	21 21 42 A	21 22 43 A	21 21 42 A	105 107 212	721	721	9.05	8.14	PASSED & PROMOTED	
	18030510029 RAKESH BOBONGA	51 29 80 A	40 20 60 B	52 30 82 A	39 19 58 C+	43 22 65 B	51 29 80 A	276 149 425	22 23 45 A+	19 18 37 B+	21 21 42 A	21 21 42 A	21 21 42 A	104 104 208	633	633	8.00	6.40	PASSED & PROMOTED	
	18030510030 RANJAN SHARMA	59 28 87 A	60 29 89 A	61 30 91 A+	56 26 82 A	61 30 91 A+	61 30 91 A+	358 173 531	22 23 45 A+	22 24 46 A+	21 21 42 A	22 23 45 A+	21 22 43 A	108 113 221	752	752	9.48	8.64	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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B.I.T , SINDRI , DHANBAD

B.TECH 4TH SEMESTER IN MINING ENGINEERING EXAMINATION-2020

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

Pages : 4 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC404	MN401	MN402	MN403	MN404	EN401 / IT402	TOTAL THEORY	MN401P	MN402P	MN403P	IN401	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
	90% ≥ A+																			
Course Credit Point	80% - 89% A	3	3	3	3	3	0	15	1	1	1	2	1	6	21					
Full Marks - Final / Ext.	70% - 79% B+	70	70	70	70	70	70	420	25	25	25	25	25	125	545					
Full Marks - Ter. / Int.	60% - 69% B	30	30	30	30	30	30	180	25	25	25	25	25	125	305					
Subject Total	50% - 59% C+	100	100	100	100	100	100	600	50	50	50	50	50	250	850	850				
Pass Marks - Fin. Ext.	35% - 49% C	21	21	21	21	21	21		-	-	-	-	-							
Pass Marks - Subject	<35% F	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
18030510031 RANJEET KUMAR HANSDA	FIN / EXT TER / INT TOTAL GRADE	48 27 75 B+	50 29 79 B+	49 28 77 B+	45 25 70 B+	48 27 75 B+	50 29 79 B+	290 165 455	22 23 45 A+	19 18 37 B+	21 21 42 A	20 20 40 A	22 23 45 A+	104 105 209	664	664	8.33	6.62	PASSED & PROMOTED	
18030510032 ROHAN SINGH MUNDA	FIN / EXT TER / INT TOTAL GRADE	60 30 90 A+	59 29 88 A	60 30 90 A+	54 25 79 B+	59 29 88 A	60 30 90 A+	352 173 525	21 22 43 A	19 18 37 B+	20 20 40 A	22 23 45 A+	21 22 43 A	103 105 208	733	733	9.19	8.25	PASSED & PROMOTED	
18030510033 ROHIT KUMAR KARMALI	FIN / EXT TER / INT TOTAL GRADE	40 19 59 C+	47 25 72 B+	53 30 83 A	44 22 66 B	50 27 77 B+	51 28 79 B+	285 151 436	21 22 43 A	20 19 39 B+	20 20 40 A	21 22 43 A	22 23 45 A+	104 106 210	646	646	8.00	6.46	PASSED & PROMOTED	
18030510034 ROHIT KUMAR ORAON	FIN / EXT TER / INT TOTAL GRADE	56 29 85 A	55 28 83 A	55 28 83 A	49 23 72 B+	54 27 81 A	56 29 85 A	325 164 489	22 23 45 A+	19 18 37 B+	20 20 40 A	20 20 40 A	22 23 45 A+	103 104 207	696	696	8.90	7.75	PASSED & PROMOTED	
18030510035 SACHIN KUMAR MANDAL	FIN / EXT TER / INT TOTAL GRADE	54 27 81 A	55 28 83 A	57 30 87 A	52 26 78 B+	55 28 83 A	56 29 85 A	329 168 497	22 23 45 A+	21 22 43 A	21 21 42 A	22 24 46 A+	22 23 45 A+	108 113 221	718	718	9.05	8.20	PASSED & PROMOTED	
18030510036 SACHIN KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	64 29 93 A+	65 30 95 A+	65 30 95 A+	60 26 86 A	64 29 93 A+	65 30 95 A+	383 174 557	22 21 43 A	24 25 49 A+	21 20 41 A	23 24 47 A+	22 22 44 A	112 112 224	781	781	9.71	9.31	PASSED & PROMOTED	
18030510037 SANJU BARA	FIN / EXT TER / INT TOTAL GRADE	53 29 82 A	47 24 71 B+	51 27 78 B+	45 22 67 B	52 28 80 A	53 29 82 A	301 159 460	21 21 42 A	19 18 37 B+	20 20 40 A	20 20 40 A	21 22 43 A	101 101 202	662	662	8.38	7.34	PASSED & PROMOTED	
18030510038 SAURAV EKKA	FIN / EXT TER / INT TOTAL GRADE	45 22 67 B	51 27 78 B+	54 30 84 A	46 23 69 B	54 30 84 A	54 30 84 A	304 162 466	21 21 42 A	20 19 39 B+	21 21 42 A	21 22 43 A	21 22 43 A	104 105 209	675	675	8.24	6.85	PASSED & PROMOTED	
18030510039 SHANU ANAND	FIN / EXT TER / INT TOTAL GRADE	49 27 76 B+	50 28 78 B+	52 30 82 A	46 25 71 B+	50 28 78 B+	51 29 80 A	298 167 465	22 22 44 A	20 18 38 B+	22 22 44 A	23 23 46 A+	22 22 44 A	109 107 216	681	681	8.48	7.29	PASSED & PROMOTED	
18030510040 SHAYAAN MOQUEEM	FIN / EXT TER / INT TOTAL GRADE	54 28 82 A	55 29 84 A	56 30 86 A	50 25 75 B+	54 28 82 A	55 29 84 A	324 169 493	22 22 44 A	22 22 44 A	22 21 43 A	22 22 44 A	23 23 46 A+	111 110 221	714	714	8.90	7.86	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 4TH SEMESTER IN MINING ENGINEERING EXAMINATION-2020

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

Pages : 5 of 6

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	EC404	MN401	MN402	MN403	MN404	EN401 / IT402	TOTAL THEORY	MN401P	MN402P	MN403P	IN401	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	CGPA	Remarks
Course Credit Point								3	3	3	3	3	0	15	1	1	1	2	1	6	21				
Full Marks - Final / Ext.								70	70	70	70	70	70	420	25	25	25	25	25	125	545				
Full Marks - Ter. / Int.								30	30	30	30	30	30	180	25	25	25	25	25	125	305				
Subject Total								100	100	100	100	100	100	600	50	50	50	50	50	250	850	850			
Pass Marks - Fin. Ext.								21	21	21	21	21	21		-	-	-	-	-						
Pass Marks - Subject								35	35	35	35	35	35	210	25	25	25	25	25	125	335				
18030510041 SHIKHAR APARVA	FIN / EXT TER / INT TOTAL GRADE							56 27 83 A	58 29 87 A	59 30 89 A	52 24 76 B+	58 29 87 A		58 29 87 A	22 22 44 A	22 22 44 A	22 22 44 A	22 23 46 A+	23 23 46 A+	111 111 222	731	731	8.90	8.31	PASSED & PROMOTED
18030510042 SHUBHAM KUMAR	FIN / EXT TER / INT TOTAL GRADE							52 27 79 B+	47 23 70 B+	55 30 85 A	40 17 57 C+	54 29 83 A		54 29 83 A	21 22 43 A	21 21 42 A	21 21 42 A	22 23 45 A+	22 23 45 A+	107 110 217	674	674	8.43	7.40	PASSED & PROMOTED
18030510043 SHUBHAM RAJ	FIN / EXT TER / INT TOTAL GRADE							34 15 49 C	44 24 68 B	51 30 81 A	35 16 51 C+	43 23 66 B		34 15 49 C	21 23 44 A	20 21 41 A	20 21 41 A	20 22 42 A	20 22 42 A	101 109 210	574	574	7.43	6.31	PASSED & PROMOTED
18030510044 SHUBHAM SONAL	FIN / EXT TER / INT TOTAL GRADE							53 27 80 A	55 29 84 A	56 30 86 A	49 24 73 B+	54 28 82 A		55 29 84 A	21 21 42 A	20 19 39 B+	20 20 40 A	21 22 43 A	22 23 45 A+	104 105 209	698	698	8.86	7.76	PASSED & PROMOTED
18030510045 SOURAV KUMAR SHARMA	FIN / EXT TER / INT TOTAL GRADE							51 23 74 B+	59 30 89 A	56 27 83 A	54 26 80 A	56 27 83 A		58 29 87 A	22 21 43 A	21 20 41 A	22 21 43 A	21 20 41 A	23 23 46 A+	109 105 214	710	710	8.90	8.20	PASSED & PROMOTED
18030510046 SUBHAM KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE							59 27 86 A	62 30 92 A+	60 28 88 A	60 28 88 A	59 27 86 A		61 29 90 A+	22 21 43 A	21 19 40 A	22 21 43 A	21 20 41 A	22 22 44 A	108 103 211	741	741	9.14	8.71	PASSED & PROMOTED
18030510047 SURAJ KUMAR MAHATO	FIN / EXT TER / INT TOTAL GRADE							58 29 87 A	59 30 89 A	59 30 89 A	56 27 83 A	58 29 87 A		58 29 87 A	22 22 44 A	21 20 41 A	22 22 44 A	22 22 44 A	22 22 44 A	109 108 217	739	739	9.00	8.24	PASSED & PROMOTED
18030510048 VIKASH KUMAR	FIN / EXT TER / INT TOTAL GRADE							59 29 88 A	58 28 86 A	58 28 86 A	54 25 79 B+	59 29 88 A		60 30 90 A+	21 21 42 A	20 19 39 B+	20 20 40 A	21 22 43 A	21 22 43 A	103 104 207	724	724	8.81	8.17	PASSED & PROMOTED
18030510049 VISHAL KUMAR	FIN / EXT TER / INT TOTAL GRADE							53 27 80 A	49 24 73 B+	54 28 82 A	47 22 69 B	51 26 77 B+		55 29 84 A	22 21 43 A	21 20 41 A	22 21 43 A	22 22 44 A	22 22 44 A	109 106 215	680	680	8.43	7.67	PASSED & PROMOTED
18030510050 VISHAL KUMAR MAHTO	FIN / EXT TER / INT TOTAL GRADE							60 27 87 A	62 29 91 A+	63 30 93 A+	55 23 78 B+	60 27 87 A		62 29 91 A+	21 21 42 A	19 18 37 B+	21 21 42 A	21 21 42 A	21 22 43 A	103 103 206	733	733	9.10	8.59	PASSED & PROMOTED

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

Pages : 6 of 6

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		EC404	MN401	MN402	MN403	MN404	EN401 / IT402	TOTAL THEORY	MN401P	MN402P	MN403P	IN401	EX401	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL				
90% ≥	A+																			
80% - 89%	A	3	3	3	3	3	0	15	1	1	1	2	1	6	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	21	-	-	-	-	-	-	-	-				
<35%	F	35	35	35	35	35	35	210	25	25	25	25	25	125	335					
18030510051 YESH KUMAR	FIN / EXT TER / INT TOTAL GRADE	58 27 85 A	60 29 89 A	59 28 87 A	53 23 76 B+	60 29 89 A		61 30 91 A+	351 166 517 A	22 22 44 A	21 19 40 A	22 21 43 A	22 22 44 A	23 23 46 A+	110 107 217	734	734	8.90	8.56	PASSED & PROMOTED
18030515001 KRISHNA KUMAR RAVI	FIN / EXT TER / INT TOTAL GRADE	56 27 83 A	57 28 85 A	56 27 83 A	54 26 80 A	57 28 85 A		58 29 87 A	338 165 503 A	21 21 42 A	20 19 39 B+	21 21 42 A	21 21 42 A	104 103 207	710	710	8.95	8.36	PASSED & PROMOTED	
18030515002 MATHURA HANSDA	FIN / EXT TER / INT TOTAL GRADE	48 28 76 B+	50 30 80 A	45 26 71 B+	44 25 69 B	48 28 76 B+		49 29 78 B+	284 166 450 A	21 21 42 A	19 18 37 B+	21 22 43 A	21 21 42 A	103 104 207	657	657	8.24	6.50	PASSED & PROMOTED	
18030515003 PANKAJ KUMAR PANDEY	FIN / EXT TER / INT TOTAL GRADE	57 27 84 A	54 25 79 B+	57 27 84 A	57 27 84 A	58 28 86 A		59 29 88 A	342 163 505 A	22 22 44 A	23 23 46 A+	21 20 41 A	22 22 44 A	111 110 221	726	726	8.95	8.36	PASSED & PROMOTED	
18030515004 SUJEET KUMAR CHOURASIA	FIN / EXT TER / INT TOTAL GRADE	48 22 70 B+	52 26 78 B+	54 27 81 A	47 21 68 B	52 26 78 B+		56 29 85 A	309 151 460 A	21 22 43 A	20 19 39 B+	21 21 42 A	21 22 43 A	105 107 212	672	672	8.29	7.67	PASSED & PROMOTED	
18030515005 VIVEK KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	61 29 90 A+	61 29 90 A+	62 30 92 A+	59 27 86 A	60 28 88 A		61 29 90 A+	364 172 536 A	21 22 43 A	21 22 43 A	21 21 42 A	22 23 45 A+	106 109 215	751	751	9.52	9.00	PASSED & PROMOTED	

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

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