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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI		
SCIENCE & TECHNOLOGY CAMPUS , SIRKHA TOLI, NAMKUM , RANCHI		
K.K. COLLEGE OF ENGINEERING & MANAGEMENT , DHANBAD		
B.TECH 6TH SEMESTER IN MECHANICAL ENGINEERING EXAMINATION- 2025		
HELD IN THE MONTH OF SEPTEMBER-2025		
PAPER CODE	PASSING HEAD	PAPERS
MEC601	SOLID MECHANICS	THEORY
MEC602	AUTOMOBILE ENGINEERING	THEORY
MEC603	DESIGN OF TRANSMISSION SYSTEM	THEORY
MEP604	PROFESSIONAL ELECTIVE-II COMPUTER AIDED DESIGN	THEORY
ME0607	OPEN ELECTIVE-II OPERATIONS RESEARCH	THEORY
ME601P	SOLID MECHANICS	PRACTICAL
ME602P	AUTOMOBILE ENGINEERING	PRACTICAL
ME603P	MANUFACTURING LAB	PRACTICAL
ME604P	COMPUTER AIDED DESIGN-II	PRACTICAL
ME605I	INTERNSHIP/TOUR & TRAINING/INDUSTRIAL TRAINING	PRACTICAL

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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		MEC601	MEC602	MEC603	MEP604	MEO607	TOTAL THEORY	ME601P	ME602P	ME603P	ME604P	ME605I	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL	SGPA	Remarks
90% \geq A+																	
80% - 89% A	Course Credit Point	4	3	3	3	3	16	1	1	1	1	2	6	22			
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	350	25	25	25	25	25	125	475			
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	150	25	25	25	25	25	125	275			
50% - 59% C+	Subject Total	100	100	100	100	100	500	50	50	50	50	50	250	750	750		
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21		-	-	-	-	-					
<35% F	Pass Marks - Subject	35	35	35	35	35	175	25	25	25	25	25	125	300			
FIN / EXT	20032495006	-	-	-	14*	-	14	-	-	-	-	-	0				
TER / INT	RABINDRA KUMAR	-	-	-	26	-	26	-	-	-	-	-	0	40	40		F : MEP604
TOTAL		-	-	-	40	-	40	-	-	-	-	-	0				
GRADE		-	-	-	F	-		-	-	-	-	-					
FIN / EXT	21032495001	10*	4*	10*	10*	32	66	16	16	16	16	16	80				
TER / INT	AJAY KUMAR RAVI	25	26	25	25	25	126	21	22	21	22	21	107	379	379	3.00	PROMOTED
TOTAL		35	30*	35	35	57	192	37	38	37	38	37	187				
GRADE		F	F	F	F	C+		B+	B+	B+	B+	B+					
FIN / EXT	21032495003	21	4*	-	0*	14*	39	-	-	-	-	-	0				
TER / INT	ATUL KUMAR	25	25	-	25	25	100	-	-	-	-	-	0	139	139		P : MEC601 F : MEC602 MEO607 MEP604
TOTAL		46	29*	-	25*	39	139	-	-	-	-	-	0				
GRADE		C	F	-	F	F		-	-	-	-	-					
FIN / EXT	21032495014	-	-	23	-	28	51	-	-	-	-	-	0				
TER / INT	SHREYA KUMARI MISHRA	-	-	25	-	26	51	-	-	-	-	-	0	102	102		P : MEC603 MEO607
TOTAL		-	-	48	-	54	102	-	-	-	-	-	0				
GRADE		-	-	C	-	C+		-	-	-	-	-					
FIN / EXT	22032490001	21	21(+3)#	16*	21	22	101	22	21	21	22	21	107				
TER / INT	ARJUN KUMAR MONDAL	26	27	26	27	26	132	20	21	21	21	22	105	445	442	5.41	PROMOTED
TOTAL		47	48	42	48	48	233	42	42	42	43	43	212				
GRADE		C	C	F	C	C		A	A	A	A	A					
FIN / EXT	22032490002	21(+1)#	21(+3)#	17*	25	30	114	22	21	21	22	21	107				
TER / INT	JAYDEEP MANDAL	26	27	27	26	26	132	21	22	22	21	22	108	461	457	5.68	PROMOTED
TOTAL		47	48	44	51	56	246	43	43	43	43	43	215				
GRADE		C	C	F	C+	C+		A	A	A	A	A					
FIN / EXT	22032495002	21	34	25	31	40	151	21	22	23	23	23	112				
TER / INT	AJAY PRASAD DIWAKAR	25	26	26	26	25	128	21	22	22	21	22	108	499	499	7.05	PASSED & PROMOTED
TOTAL		46	60	51	57	65	279	42	44	45	44	45	220				
GRADE		C	B	C+	C+	B		A	A	A+	A	A+					
FIN / EXT	22032495003	37	37	32	29	34	169	18	19	19	18	19	93				
TER / INT	ALOK KUMAR SHARMA	22	23	23	22	22	112	20	19	20	20	20	99	473	473	6.68	PASSED & PROMOTED
TOTAL		59	60	55	51	56	281	38	38	39	38	39	192				
GRADE		C+	B	C+	C+	C+		B+	B+	B+	B+	B+					
FIN / EXT	22032495005	21(+3)#	21(+3)#	21(+1)#	22	32	117	21	22	21	22	21	107				
TER / INT	ASHUTOSH KUMAR	25	26	26	26	25	128	21	21	21	22	21	106	458	451	6.23	PASSED & PROMOTED
TOTAL		46	47	47	48	57	245	42	43	42	44	42	213				
GRADE		C	C	C	C	C+		A	A	A	A	A					
FIN / EXT	22032495006	47	37	43	35	50	212	23	22	23	23	22	113				
TER / INT	BARUN KAR	28	29	29	29	28	143	23	24	23	24	23	117	585	585	8.27	PASSED & PROMOTED
TOTAL		75	66	72	64	78	355	46	46	46	47	45	230				
GRADE		B+	B	B+	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.


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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		MEC601	MEC602	MEC603	MEP604	MEO607	TOTAL THEORY	ME601P	ME602P	ME603P	ME604P	ME605I	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL		
90% \geq	A+																
80% - 89%	A	4	3	3	3	3	16	1	1	1	1	2	6	22			
70% - 79%	B+	70	70	70	70	70	350	25	25	25	25	25	125	475			
60% - 69%	B	30	30	30	30	30	150	25	25	25	25	25	125	275			
50% - 59%	C+	100	100	100	100	100	500	50	50	50	50	50	250	750			
35% - 49%	C	21	21	21	21	21		-	-	-	-	-					
<35%	F	35	35	35	35	35	175	25	25	25	25	25	125	300			
Course Credit Point	FIN / EXT	38	48	53	35	46	220	22	23	23	22	23	113				
Full Marks - Final / Ext.	TER / INT	27	28	28	28	28	139	22	23	23	24	23	115				
Full Marks - Ter. / Int.	TOTAL	65	76	81	63	74	359	44	46	46	46	46	228	587	587	8.32	PASSED & PROMOTED
Subject Total	GRADE	B	B+	A	B	B+		A	A+	A+	A+	A+					
Pass Marks - Fin. Ext.	FIN / EXT	26	37	23	29	42	157	21	22	22	21	21	107				
Pass Marks - Subject	TER / INT	25	26	26	25	25	127	19	22	21	22	21	105				
	TOTAL	51	63	49	54	67	284	40	44	43	43	42	212	496	496	6.95	PASSED & PROMOTED
	GRADE	C+	B	C	C+	B		A	A	A	A	A					
	FIN / EXT	21(+1)#	11*	16*	21(+3)#	21	90	16	18	17	16	16	83				
	TER / INT	21	22	22	23	22	110	18	20	18	19	18	93				
	TOTAL	42	33*	38	44	43	200	34	38	35	35	34	176	376	372	4.32	PROMOTED
	GRADE	C	F	F	C	C		B	B+	B+	B+	B					
	FIN / EXT	29	36	29	33	43	170	22	23	23	22	23	113				
	TER / INT	28	29	29	28	29	143	23	24	23	24	23	117				
	TOTAL	57	65	58	61	72	313	45	47	46	46	46	230	543	543	7.64	PASSED & PROMOTED
	GRADE	C+	B	C+	B	B+		A+	A+	A+	A+	A+					
	FIN / EXT	32	39	21	28	44	164	22	21	22	21	21	107				
	TER / INT	24	25	25	26	25	125	20	20	21	23	22	106				
	TOTAL	56	64	46	54	69	289	42	41	43	44	43	213	502	502	6.95	PASSED & PROMOTED
	GRADE	C+	B	C	C+	B		A	A	A	A	A					
	FIN / EXT	8*	26	27	24	41	126	17	17	18	19	18	89				
	TER / INT	25	26	25	26	25	127	20	22	21	23	22	108				
	TOTAL	33*	52	52	50	66	253	37	39	39	42	40	197	450	450	5.73	PROMOTED
	GRADE	F	C+	C+	C+	B		B+	B+	B+	A	A					
	FIN / EXT	14*	21	21(+2)#	22	22	100	17	18	17	18	19	89				
	TER / INT	24	25	25	25	26	125	19	21	20	21	20	101				
	TOTAL	38	46	46	47	48	225	36	39	37	39	39	190	415	413	4.91	PROMOTED
	GRADE	F	C	C	C	C		B+	B+	B+	B+	B+					
	FIN / EXT	21(+3)#	0*	26	29	23	99	15	15	14	15	14	73				
	TER / INT	22	23	24	24	24	117	18	20	19	18	19	94				
	TOTAL	43	23*	50	53	47	216	33	35	33	33	33	167	383	380	5.18	PROMOTED
	GRADE	C	F	C+	C+	C		B	B+	B	B	B					
	FIN / EXT	14*	29	21	21	37	122	18	19	19	20	19	95				
	TER / INT	25	26	26	26	25	128	21	22	22	21	22	108				
	TOTAL	39	55	47	47	62	250	39	41	41	41	41	203	453	453	5.55	PROMOTED
	GRADE	F	C+	C	C	B		B+	A	A	A	A					
	FIN / EXT	21	35	28	30	40	154	22	21	22	21	22	108				
	TER / INT	25	26	25	26	25	127	20	22	22	21	21	106				
	TOTAL	46	61	53	56	65	281	42	43	44	42	43	214	495	495	6.91	PASSED & PROMOTED
	GRADE	C	B	C+	C+	B		A	A	A	A	A					

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90% \geq A+																	
80% - 89% A	Course Credit Point	4	3	3	3	3	16	1	1	1	1	2	6	22			
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	350	25	25	25	25	25	125	475			
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	150	25	25	25	25	25	125	275			
50% - 59% C+	Subject Total	100	100	100	100	100	500	50	50	50	50	50	250	750	750		
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21		-	-	-	-	-					
<35% F	Pass Marks - Subject	35	35	35	35	35	175	25	25	25	25	25	125	300			
FIN / EXT	22032495017	47	36	27	29	43	182	22	23	22	21	21	109				
TER / INT	PRADUMAN MANDAL	26	27	25	26	26	130	21	21	22	21	22	107	528	528	7.45	PASSED & PROMOTED
TOTAL		73	63	52	55	69	312	43	44	44	42	43	216				
GRADE		B+	B	C+	C+	B		A	A	A	A	A					
FIN / EXT	22032495018	21	31	25	28	24	129	18	19	17	18	19	91				
TER / INT	RAJ SWAMI	24	25	26	24	24	123	20	21	21	21	21	104	447	447	6.36	PASSED & PROMOTED
TOTAL		45	56	51	52	48	252	38	40	38	39	40	195				
GRADE		C	C+	C+	C+	C		B+	A	B+	B+	A					
FIN / EXT	22032495019	43	32	28	28	44	175	23	22	22	21	21	109				
TER / INT	RAJA TUDU	26	27	26	25	26	130	22	22	22	23	22	111	525	525	7.32	PASSED & PROMOTED
TOTAL		69	59	54	53	70	305	45	44	44	44	43	220				
GRADE		B	C+	C+	C+	B+		A+	A	A	A	A					
FIN / EXT	22032495022	39	32	28	31	54	184	21	21	22	22	21	107				
TER / INT	ROHIT KUMAR MAHATO	27	28	28	27	27	137	23	23	23	23	22	114	542	542	7.64	PASSED & PROMOTED
TOTAL		66	60	56	58	81	321	44	44	45	45	43	221				
GRADE		B	B	C+	C+	A		A	A	A+	A+	A					
FIN / EXT	22032495023	26	43	27	42	40	178	19	19	19	18	18	93				
TER / INT	SACHIN KUMAR MAHATO	26	27	26	25	26	130	21	22	22	21	21	107	508	508	7.23	PASSED & PROMOTED
TOTAL		52	70	53	67	66	308	40	41	41	39	39	200				
GRADE		C+	B+	C+	B	B		A	A	A	B+	B+					
FIN / EXT	22032495024	30	44	42	47	0*	163	22	21	22	21	21	107				
TER / INT	SALEHIN ANSARI	23	24	24	23	24	118	21	21	20	19	19	100	488	488	6.55	PROMOTED
TOTAL		53	68	66	70	24*	281	43	42	42	40	40	207				
GRADE		C+	B	B	B+	F		A	A	A	A	A					
FIN / EXT	22032495025	33	32	42	35	39	181	17	18	19	18	18	90				
TER / INT	SANDEEP ROY	23	24	25	23	25	120	20	21	20	19	19	99	490	490	6.82	PASSED & PROMOTED
TOTAL		56	56	67	58	64	301	37	39	39	37	37	189				
GRADE		C+	C+	B	C+	B		B+	B+	B+	B+	B+					
FIN / EXT	22032495026	21(+1)#	29	25	31	42	148	19	18	18	19	18	92				
TER / INT	SATYAM KUMAR	27	28	27	28	26	136	22	23	23	22	22	112	488	487	6.77	PASSED & PROMOTED
TOTAL		48	57	52	59	68	284	41	41	41	41	40	204				
GRADE		C	C+	C+	C+	B		A	A	A	A	A					
FIN / EXT	22032495027	12*	24	31	34	41	142	16	17	17	18	16	84				
TER / INT	SIMON SOREN	24	25	25	24	24	122	20	22	22	21	21	106	454	454	5.45	PROMOTED
TOTAL		36	49	56	58	65	264	36	39	39	39	37	190				
GRADE		F	C	C+	C+	B		B+	B+	B+	B+	B+					
FIN / EXT	22032495028	16*	24	28	31	31	130	18	18	17	17	19	89				
TER / INT	SUBHASH MONDAL	25	26	24	25	24	124	21	22	22	21	22	108	451	451	5.59	PROMOTED
TOTAL		41	50	52	56	55	254	39	40	39	38	41	197				
GRADE		F	C+	C+	C+	C+		B+	A	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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SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		MEC601	MEC602	MEC603	MEP604	MEO607	TOTAL THEORY	ME601P	ME602P	ME603P	ME604P	ME605I	TOTAL PRACTICAL	GRAND TOTAL	AGGR. TOTAL		
90% \geq A+																	
80% - 89% A	Course Credit Point	4	3	3	3	3	16	1	1	1	1	2	6	22			
70% - 79% B+	Full Marks - Final / Ext.	70	70	70	70	70	350	25	25	25	25	25	125	475			
60% - 69% B	Full Marks - Ter. / Int.	30	30	30	30	30	150	25	25	25	25	25	125	275			
50% - 59% C+	Subject Total	100	100	100	100	100	500	50	50	50	50	50	250	750	750		
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21		-	-	-	-	-					
<35% F	Pass Marks - Subject	35	35	35	35	35	175	25	25	25	25	25	125	300			
	22032495029 SUMIT KUMAR	FIN / EXT TER / INT TOTAL GRADE	24 25 49 C	23 26 49 C	26 25 51 C+	23 26 49 C	36 24 60 B	132 126 258 A	19 21 40 B+	18 21 39 A	18 22 40 B+	18 21 39 A	92 106 198	456	456	6.41	PASSED & PROMOTED
	22032495030 SUMIT KUMAR MANDAL	FIN / EXT TER / INT TOTAL GRADE	16* 27 43 F	25 28 53 C+	21 27 48 C	25 27 52 C+	33 28 61 B	120 137 257 A	21 23 44 A	22 24 46 A+	22 23 45 A+	21 24 45 A+	107 117 224	481	481	5.86	PROMOTED
	22032495031 TUSHAR SINGH	FIN / EXT TER / INT TOTAL GRADE	10* 25 35 F	21(+2)# 26 47 C	21 26 47 C	21 25 46 C	22 24 46 C	95 126 221 B+	18 21 39 B+	17 21 38 B+	18 21 39 B+	18 22 40 A	88 106 194	415	413	4.95	PROMOTED
	22032495032 UJJWAL DEY	FIN / EXT TER / INT TOTAL GRADE	13* 24 37 F	29 25 54 C+	30 25 55 C+	21(+3)# 25 46 C	23 25 48 C	116 124 240 B+	17 21 38 A	19 22 41 A	18 21 39 B+	18 22 40 A	89 108 197	437	434	5.27	PROMOTED
	22032495033 VIVEK KUMAR	FIN / EXT TER / INT TOTAL GRADE	14* 26 40 F	21 27 48 C	24 26 50 C+	12* 25 37 F	31 25 56 C+	102 129 231 B+	17 22 39 B+	18 23 41 A	19 22 41 A	19 23 42 A	91 112 203	434	434	4.73	PROMOTED

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