

**JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI**

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

**K.K. COLLEGE OF ENGINEERING & MANAGEMENT , DHANBAD**

**B.TECH 6TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION- 2024**

**HELD IN THE MONTH OF AUGUST-2024**

<b>PAPER CODE</b>	<b>PASSING HEAD</b>	<b>PAPERS</b>
<b>ELC601</b>	<b>POWER SYSTEMS-II</b>	<b>THEORY</b>
<b>ELC602</b>	<b>POWER ELECTRONICS</b>	<b>THEORY</b>
<b>ELC603</b>	<b>ADVANCED CONTROL SYSTEMS</b>	<b>THEORY</b>
<b>ELP607</b>	<b>PROFESSIONAL ELECTIVE-II GREEN ENERGY TECHNOLOGY</b>	<b>THEORY</b>
<b>ELO609</b>	<b>OPEN ELECTIVE-II SOFT COMPUTING TECHNIQUES</b>	<b>THEORY</b>
<b>EL601P</b>	<b>POWER SYSTEMS-II LAB</b>	<b>PRACTICAL</b>
<b>EL602P</b>	<b>POWER ELECTRONICS LAB</b>	<b>PRACTICAL</b>
<b>EL603P</b>	<b>SIMULATION LAB</b>	<b>PRACTICAL</b>
<b>EL604P</b>	<b>ELECTRICAL WORKSHOP</b>	<b>PRACTICAL</b>
<b>EL605I</b>	<b>INTERNSHIP/TOUR &amp; TRAINING/INDUSTRIAL TRAINING</b>	<b>PRACTICAL</b>

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**B.TECH 6TH SEMESTER IN ELECTRICAL ENGINEERING EXAMINATION-2025**  
**HELD IN THE MONTH OF SEPTEMBER-2025**

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point) for all courses}}{\sum \text{Semester(Course credits)}}$		ELC601	ELC602	ELC603	ELP607	ELO609	TOTAL THEORY	EL601P	EL602P	EL603P	EL604P	EL605I	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+	<b>Subject Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>500</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>750</b>	<b>750</b>		
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21		-	-	-	-	-					
<35% F	Pass Marks - Subject	35	35	35	35	35	<b>175</b>	25	25	25	25	25	<b>125</b>	<b>300</b>			
	20032455004 DEEPAK SINHA	FIN / EXT TER / INT TOTAL GRADE	- - - -	- - - -	- - - -	- - - -	0 0 0	22 22 44	21 23 44	- - -	- - -	- - -	43 45 88	88	88		P : EL601P EL602P
	22032450001 AKASH PARAMANIK	FIN / EXT TER / INT TOTAL GRADE	30 25 55 C+	0* 24 24* F	28 23 51 C+	26 28 54 C+	22 126 232	17 20 37 B+	16 21 37 B+	17 19 36 B+	17 20 37 B+	17 20 37 B+	84 100 184	416	416	5.59	PROMOTED
	22032450002 FIRDOSH ALAM	FIN / EXT TER / INT TOTAL GRADE	28 24 52 C+	31 23 54 C+	31 23 54 C+	34 27 61 B	27 122 273	18 21 39 B+	17 20 37 B+	18 20 38 B+	17 21 38 B+	18 21 39 B+	88 103 191	464	464	6.68	PASSED & PROMOTED
	22032450003 SURAJ KUMAR	FIN / EXT TER / INT TOTAL GRADE	11* 22 33* F	16* 24 40 F	31 24 55 C+	16* 24 40 F	24 121 219	17 22 39 B+	16 22 38 B+	16 19 35 B+	16 22 38 B+	17 22 39 B+	82 107 189	408	408	3.82	PROMOTED
	22032455001 AJAY KUMAR MAHTO	FIN / EXT TER / INT TOTAL GRADE	40 22 62 B	40 22 62 B	53 24 77 B+	61 25 86 A	49 119 362	19 20 39 B+	17 21 38 B+	18 18 36 B+	17 21 38 B+	19 21 40 A	90 101 191	553	553	7.91	PASSED & PROMOTED
	22032455002 AMRIT KUMAR SRIVASTAVA	FIN / EXT TER / INT TOTAL GRADE	42 23 65 B	37 23 60 B	54 25 79 B+	58 28 86 A	54 124 369	18 19 37 B+	18 20 38 B+	19 19 38 B+	18 20 38 B+	18 23 41 A	91 101 192	561	561	7.91	PASSED & PROMOTED
	22032455003 ANKIT ANAND	FIN / EXT TER / INT TOTAL GRADE	35 22 57 C+	21 22 43 C	28 22 50 C+	52 22 74 B+	31 112 279	17 20 37 B+	15 19 34 B	15 18 33 B	15 19 34 B	17 21 38 B+	79 97 176	455	455	6.55	PASSED & PROMOTED
	22032455005 BINAYAK BIHARI CHAUHAN	FIN / EXT TER / INT TOTAL GRADE	36 23 59 C+	23 22 45 C	28 23 51 C+	45 23 68 B	37 114 283	18 20 38 B+	15 20 35 B+	15 18 33 B	15 20 35 B+	18 20 38 B+	81 98 179	462	462	6.64	PASSED & PROMOTED
	22032455006 GOPINATH DAN	FIN / EXT TER / INT TOTAL GRADE	27 22 49 C	17* 23 40 F	28 22 50 C+	41 24 65 B	32 115 260	19 21 40 A	16 22 38 B+	16 18 34 B	16 21 37 B+	19 21 40 A	86 103 189	449	449	5.77	PROMOTED
	22032455007 JAY KUMAR SINGH	FIN / EXT TER / INT TOTAL GRADE	38 25 63 B	22 25 47 C	27 24 51 C+	58 28 86 A	42 129 316	20 22 42 A	18 24 42 A	19 19 38 B+	18 22 40 A	20 23 43 A	95 110 205	521	521	7.36	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

Nirmala Soren  
 Controller of Examination

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**HELD IN THE MONTH OF SEPTEMBER-2025**

SGPA= $\frac{\sum \text{Semester(Course credits * Grade point)}}{\sum \text{Semester(Course credits)}}$		ELC601	ELC602	ELC603	ELP607	ELO609	TOTAL THEORY	EL601P	EL602P	EL603P	EL604P	EL605I	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+	<b>Subject Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>500</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>750</b>	<b>750</b>		
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21		-	-	-	-	-					
<35% F	Pass Marks - Subject	35	35	35	35	35	<b>175</b>	25	25	25	25	25	<b>125</b>	<b>300</b>			
FIN / EXT	22032455009	43	24	46	55	56	224	20	18	20	18	20	96				
TER / INT	LABALI KUMARI	23	24	23	27	25	122	21	21	18	21	21	102	544	544	7.68	PASSED & PROMOTED
TOTAL		66	48	69	82	81	346	41	39	38	39	41	198				
GRADE		B	C	B	A	A		A	B+	B+	B+	A					
FIN / EXT	22032455010	29	22	35	54	45	185	21	16	16	16	21	90				
TER / INT	MAHESH KUMAR MAHTO	23	23	22	24	24	116	23	22	19	20	20	104	495	495	6.95	PASSED & PROMOTED
TOTAL		52	45	57	78	69	301	44	38	35	36	41	194				
GRADE		C+	C	C+	B+	B		A	B+	B+	B+	A					
FIN / EXT	22032455011	26	26	32	44	52	180	19	15	15	15	19	83				
TER / INT	MD SHOAB ANSARI	22	22	22	23	23	112	20	20	18	19	21	98	473	473	6.64	PASSED & PROMOTED
TOTAL		48	48	54	67	75	292	39	35	33	34	40	181				
GRADE		C	C	C+	B	B+		B+	B+	B	B	A					
FIN / EXT	22032455012	35	21(+3)#	41	57	49	203	20	21	21	20	20	102				
TER / INT	MITALI SINHA	26	27	26	28	28	135	24	24	19	23	24	114	554	551	7.73	PASSED & PROMOTED
TOTAL		61	48	67	85	77	338	44	45	40	43	44	216				
GRADE		B	C	B	A	B+		A	A+	A	A	A					
FIN / EXT	22032455013	31	28	36	51	47	193	20	20	20	19	20	99				
TER / INT	NIKHIL MISHRA	25	26	26	28	27	132	23	22	20	22	23	110	534	534	7.50	PASSED & PROMOTED
TOTAL		56	54	62	79	74	325	43	42	40	41	43	209				
GRADE		C+	C+	B	B+	B+		A	A	A	A	A					
FIN / EXT	22032455014	30	21	27	51	32	161	17	16	16	16	17	82				
TER / INT	PRAMOD HANSDA	23	22	24	24	22	115	20	21	19	21	20	101	459	459	6.68	PASSED & PROMOTED
TOTAL		53	43	51	75	54	276	37	37	35	37	37	183				
GRADE		C+	C	C+	B+	C+		B+	B+	B+	B+	B+					
FIN / EXT	22032455015	7*	12*	16*	39	35	109	18	15	16	16	18	83				
TER / INT	PRASANJEET KUMAR MANDAL	24	24	23	23	25	119	21	22	18	20	22	103	414	414	4.14	PROMOTED
TOTAL		31*	36	39	62	60	228	39	37	34	36	40	186				
GRADE		F	F	F	B	B		B+	B+	B	B+	A					
FIN / EXT	22032455016	25	29	31	48	31	164	18	15	16	15	18	82				
TER / INT	RAHUL GOPE	22	22	22	22	22	110	21	23	18	20	22	104	460	460	6.68	PASSED & PROMOTED
TOTAL		47	51	53	70	53	274	39	38	34	35	40	186				
GRADE		C	C+	C+	B+	C+		B+	B+	B	B+	A					
FIN / EXT	22032455017	25	31	29	45	47	177	19	18	18	16	19	90				
TER / INT	RAJIV KUMAR SHARMA	23	24	23	24	25	119	23	23	18	19	23	106	492	492	6.95	PASSED & PROMOTED
TOTAL		48	55	52	69	72	296	42	41	36	35	42	196				
GRADE		C	C+	C+	B	B+		A	A	B+	B+	A					
FIN / EXT	22032455018	31	0*	31	40	34	136	18	17	16	16	18	85				
TER / INT	RITESH KUMAR KUSHWAHA	24	25	23	23	24	119	22	22	19	20	24	107	447	447	6.00	PROMOTED
TOTAL		55	25*	54	63	58	255	40	39	35	36	42	192				
GRADE		C+	F	C+	B	C+		A	B+	B+	B+	A					

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Nirmala Soran  
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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+	<b>Subject Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>500</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>250</b>	<b>750</b>	<b>750</b>		
35% - 49% C	Pass Marks - Fin. Ext.	21	21	21	21	21		-	-	-	-	-					
<35% F	Pass Marks - Subject	35	35	35	35	35	<b>175</b>	25	25	25	25	25	<b>125</b>	<b>300</b>			
FIN / EXT	22032455022	21	21(+3)#	27	45	21	135	19	15	17	17	19	87				
TER / INT	ROHIT KUMAR PATHAK	23	25	23	24	26	121	23	24	22	22	23	114	457	454	6.36	PASSED & PROMOTED
TOTAL		44	46	50	69	47	256	42	39	39	39	42	201				
GRADE		C	C	C+	B	C		A	B+	B+	B+	A					
FIN / EXT	22032455023	5*	14*	16*	26	24	85	17	15	15	15	17	79				
TER / INT	SANJEET KUMAR	22	24	23	23	22	114	20	20	21	21	20	102	380	380	3.55	PROMOTED
TOTAL		27*	38	39	49	46	199	37	35	36	36	37	181				
GRADE		F	F	F	C	C		B+	B+	B+	B+	B+					
FIN / EXT	22032455024	45	46	48	56	48	243	20	19	20	18	20	97				
TER / INT	SANTOSH MAHATO	23	24	24	25	24	120	21	21	20	22	21	105	565	565	8.23	PASSED & PROMOTED
TOTAL		68	70	72	81	72	363	41	40	40	40	41	202				
GRADE		B	B+	B+	A	B+		A	A	A	A	A					
FIN / EXT	22032455025	24	26	16*	31	0*	97	19	16	16	16	19	86				
TER / INT	SONU KUMAR	24	25	24	23	24	120	22	22	20	21	22	107	410	410	4.86	PROMOTED
TOTAL		48	51	40	54	24*	217	41	38	36	37	41	193				
GRADE		C	C+	F	C+	F		A	B+	B+	B+	A					
FIN / EXT	22032455026	0*	10*	6*	31	12*	59	18	15	16	17	18	84				
TER / INT	SOUGATA MONDAL	24	25	22	22	22	115	20	20	19	20	20	99	357	357	3.00	PROMOTED
TOTAL		24*	35	28*	53	34*	174	38	35	35	37	38	183				
GRADE		F	F	F	C+	F		B+	B+	B+	B+	B+					
FIN / EXT	22032455027	24	8*	27	43	35	137	17	15	17	15	17	81				
TER / INT	SOURAV KUMAR CHOURASIA	23	24	25	23	22	117	20	20	18	19	20	97	432	432	5.64	PROMOTED
TOTAL		47	32*	52	66	57	254	37	35	35	34	37	178				
GRADE		C	F	C+	B	C+		B+	B+	B+	B	B+					
FIN / EXT	22032455028	21	21	28	53	42	165	17	17	18	18	17	87				
TER / INT	SUPRABH SRIVASTAVA	24	25	26	24	26	125	24	24	23	22	23	116	493	493	6.91	PASSED & PROMOTED
TOTAL		45	46	54	77	68	290	41	41	41	40	40	203				
GRADE		C	C	C+	B+	B		A	A	A	A	A					
FIN / EXT	22032455029	8*	21(+1)#	23	44	32	128	18	16	18	17	18	87				
TER / INT	SURAJ KUMAR SHARMA	23	23	24	23	23	116	22	22	21	20	21	106	437	436	5.36	PROMOTED
TOTAL		31*	44	47	67	55	244	40	38	39	37	39	193				
GRADE		F	C	C	B	C+		A	B+	B+	B+	B+					
FIN / EXT	22032455030	23	21	23	44	25	136	17	17	19	17	17	87				
TER / INT	VIKASH KUMAR	24	24	23	24	24	119	21	21	20	21	20	103	445	445	6.09	PASSED & PROMOTED
TOTAL		47	45	46	68	49	255	38	38	39	38	37	190				
GRADE		C	C	C	B	C		B+	B+	B+	B+	B+					

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