

# PUNJAB BOARD OF TECHNICAL EDUCATION, LAHORE

## SUBJECT WISE PASS PERCENTAGE

DAE, FIRST ANNUAL EXAMINATION, 2024

Dated: 21-Aug-2024

### SECOND YEAR

Sr No.	Subject code	Subject Description	Appeared	Pass	Percentage
1	AD203	PROBLEMS IN I.C ENGINES	632	588	93 %
2	AD212	APPLIED THERMODYNAMICS	211	211	100 %
3	AD213	SUSPENSION, STEERING & BRAKES	772	654	85 %
4	AD224	WORKSHOP PRACTICE-II	772	748	97 %
5	AD232	APPLIED THERMODYNAMICS	772	741	96 %
6	AD234	WORKSHOP PRACTICE-II	211	205	97 %
7	AD243	PROBLEMS IN I.C. ENGINES	211	186	88 %
8	AF223	FARM MACHINERY-I	140	136	97 %
9	AF232	CROP HUSBANDRY	140	138	99 %
10	ARCH212	ENVIRONMENTAL STUDIES-I	269	232	86 %
11	ARCH223	STRUCTURAL MECHANICS & R.C.C DESIGN	269	224	83 %
12	ARCH233	ARCHITECTURAL DRAWING & DESIGN-I	269	255	95 %
13	ARCH242	COMPUTER AIDED DRAFTING AND PRESENTATION-II	269	248	92 %
14	ARCH253	BUILDING MATERIALS AND CONSTRUCTION-II	269	97	36 %
15	ARCH262	HISTORY OF ARCHITECTURE	269	224	83 %
16	ARCH274	SURVEYING AND LEVELLING	269	250	93 %
17	AT215	DIGITAL ELECTRONICS	53	38	72 %
18	AT225	MICRO PROCESSOR	53	41	77 %
19	AT233	AUTOMATION FUNDAMENTALS-II	53	37	70 %
20	AT241	INDUSTRIAL MATERIALS	53	46	87 %
21	AT253	ELECTRONIC DEVICES & CIRCUITS	53	45	85 %
22	BMI214	SOLID STATE ELECTRONICS	66	45	68 %
23	BMI223	ELECTRICAL MACHINES AND INDUSTRIAL ELECTRONICS	66	56	85 %
24	BMI232	DIGITAL ELECTRONICS	66	64	97 %
25	BMI242	OPERATIONAL AMPLIFIER AND APPLICATIONS	66	65	98 %
26	BMI252	PATIENT SAFETY AND ULTRASOUND RADIATION PHYSICS	66	66	100 %
27	BMI264	X-RAYS FILM PROCESSING EQUIPMENT	66	58	88 %
28	CH213	APPLIED CHEMISTRY	983	755	77 %
29	CH222	APPLIED CHEMISTRY	42	34	81 %
30	CH243	APPLIED CHEMISTRY-I	70	28	40 %
31	CHT244	ORGANIC CHEMISTRY	53	50	94 %
32	CHT244(REV.)	ORGANIC CHEMISTRY	657	552	84 %
33	CHT254(REV.)	INDUSTRIAL CHEMICAL PROCESS-I	710	638	90 %
34	CHT263	QUANTITATIVE ANALYSIS	710	696	98 %
35	CHT271	SAFETY PRACTICE & PROCEDURE	710	703	99 %
36	CHT283	PHYSICAL CHEMISTRY	710	666	94 %
37	CHT293	CHEMICAL ENGINEERING-I	710	638	90 %
38	CIT212	OBJECT ORIENTED PROGRAMMING WITH JAVA	1,158	1,014	88 %
39	CIT223	COMPUTER NETWORKS	1,158	1,074	93 %
40	CIT235	MICROPROCESSOR ARCHITECTURE	1,158	792	68 %
41	CIT244	ELECTRONICS-II	1,158	969	84 %
42	CIT263	RELATIONAL DATABASE MANAGEMENT SYSTEM	1,158	839	72 %
43	CIVIL203	PUBLIC HEALTH TECHNOLOGY	3,387	1,683	50 %
44	CIVIL214	ADVANCED CIVIL ENGINEERING SURVEYING	3,387	2,847	84 %
45	CIVIL223	ADVANCED CONSTRUCTION TECHNIQUES	3,387	3,112	92 %
46	CIVIL232	QUANTITY SURVEYING	3,387	3,077	91 %
47	CIVIL243	CIVIL ENGINEERING DRAWING & AUTOCAD	3,387	3,100	92 %

# PUNJAB BOARD OF TECHNICAL EDUCATION, LAHORE

## SUBJECT WISE PASS PERCENTAGE

DAE, FIRST ANNUAL EXAMINATION, 2024

Dated: 21-Aug-2024

### SECOND YEAR

Sr No.	Subject code	Subject Description	Appeared	Pass	Percentage
48	CIVIL244	CIVIL ENGINEERING DRAWING & AUTO CAD	133	80	60 %
49	CIVIL263	ENGINEERING MECHANICS	3,387	2,652	78 %
50	CIVIL271	ENTREPRENEURSHIP	3,387	3,176	94 %
51	CMFT257	WORKSHOP PRACTICE-II	3	3	100 %
52	CMT213	FUEL SYSTEM	211	169	80 %
53	CMT224	OPERATION OF CONSTRUCTION MACHINERY	211	211	100 %
54	COMP213	COMPUTER APPLICATION SOFTWARE	41	38	93 %
55	COMP262	COMPUTER-II	26	22	85 %
56	COMS211	COMMUNICATION SKILLS	578	565	98 %
57	CT243	CIVIL DRAFTING-II	16	16	100 %
58	CT262	QUANTITY SURVEYING-I	16	16	100 %
59	ELECT.212	APPLIED ELECTRICITY AND ELECTRONICS	3,795	3,024	80 %
60	ELECT202	APPLIED ELECTRICITY AND ELECTRONICS	60	20	33 %
61	ELT214	ELECTRONICS DEVICES & CIRCUITS	1	1	100 %
62	ELT222	MOTORS & GENERATORS	54	47	87 %
63	ELT233	MEASURING INSTRUMENTS	67	57	85 %
64	ELT243	PULSE & DIGITAL CIRCUITS	1	1	100 %
65	ELT252	COMMUNICATION SYSTEM-I	1	1	100 %
66	ELT264	AMPLIFIERS & RADIO RECEIVERS	1	1	100 %
67	ELTM212	APPLIED MECHANICS	28	26	93 %
68	ELTM222	MINING-I	28	25	89 %
69	ELTM232(REV)	INDUSTRIAL ECONOMICS	28	20	71 %
70	ELTR212(REV.)	PROPAGATION OF ELECTROMAGNETIC WAVES	578	498	86 %
71	ELTR225	ANALOG ELECTRONICS	578	497	86 %
72	ELTR233(REV.)	ELECTRICAL INSTRUMENTS & MEASUREMENTS	578	542	94 %
73	ELTR243(REV.)	ELECTRICAL MACHINES	578	477	83 %
74	ELTR253	COMMUNICATION SYSTEMS	578	517	89 %
75	ELTR264	DIGITAL ELECTRONICS	578	526	91 %
76	ELTR271	PCB FABRICATION	578	573	99 %
77	ENG272	ENGLISH-II	28	14	50 %
78	ET203	D.C. MACHINES & BATTERIES	4,578	3,811	83 %
79	ET212	APPLIED ELECTRICITY & ELECTRONICS	41	37	90 %
80	ET213	D.C MACHINES & BATTERIES	2	0	0 %
81	ET223	ELECTRICAL INSTRUMENT & MEASUREMENT	2	0	0 %
82	ET233	UTILIZATION OF ELECTRICAL ENERGY	1	0	0 %
83	ET233(REV.)	UTILIZATION OF ELECTRICAL ENERGY	1	0	0 %
84	ET242	INSTALLATION PLANNING & ESTIMATING	2	1	50 %
85	ET243	APPLIED ELECTRICITY	10	5	50 %
86	ET251	APPLICATION OF COMPUTERS IN ELECT. TECH	2	2	100 %
87	ET252	ELECTRICAL INSTALLATION PLANNING & ESTIMATING	4,578	4,184	91 %
88	ET253	UTILIZATION OF ELECTRICAL ENERGY	4,578	3,509	77 %
89	ET261	APPLICATIONS OF COMPUTERS IN ELECTRICAL TECH.	4,578	4,526	99 %
90	ET263	BASIC ELECTRONICS	1	0	0 %
91	ET263(REV.)	BASIC ELECTRONICS	1	0	0 %
92	ET271	WORKSHOP PRACTICE-II (BASIC MACHINE SHOP)	2	2	100 %
93	ET273	ELECTRICAL INSTRUMENTS & MEASUREMENTS	4,578	3,575	78 %
94	ET282	DIGITAL LOGIC DESIGN	4,578	3,637	79 %

# PUNJAB BOARD OF TECHNICAL EDUCATION, LAHORE

## SUBJECT WISE PASS PERCENTAGE

DAE, FIRST ANNUAL EXAMINATION, 2024

Dated: 21-Aug-2024

### SECOND YEAR

Sr No.	Subject code	Subject Description	Appeared	Pass	Percentage
95	ET283	BASIC ELECTRONICS	4,578	3,393	74 %
96	ETM212	UTILIZATION OF ELECTRICAL ENERGY	14	14	100 %
97	ETM222	ELECTRICAL MACHINES-I	14	14	100 %
98	ETM232	BASIC ELECTRICITY AND CIRCUIT	14	14	100 %
99	ETM242	MINING LAW	14	10	71 %
100	ETM258	PRACTICAL TRAINING	14	14	100 %
101	FDT214	DRAWING & DRAFTING ESSENTIALS-II	9	9	100 %
102	FDT221	ADVANCE DESIGN-I	9	9	100 %
103	FDT232	CAD & MODELING ESSENTIALS	9	9	100 %
104	FDT243	WOODWORKING TOOLS & HARDWARE	9	7	78 %
105	FDT254	WOODWORKING MACHINES-I	9	7	78 %
106	FDT261	MEASUREMENT & COST CALCULATION-I	9	8	89 %
107	FDT272	WOODWORKING PRODUCTION TECHNOLOGY-II	9	9	100 %
108	FP212(REV.)	FOUNDRY TECHNOLOGY-II	3	3	100 %
109	FP214	FOUNDRY TECHNOLOGY-II	8	7	88 %
110	FP221(REV.)	TOOLS & EQUIPMENTS-II	3	3	100 %
111	FP224	ADVANCE PATTERN MAKING	8	7	88 %
112	FP232(REV.)	METALLURGY-II	3	3	100 %
113	FP242	PATTERN MAKING-II	3	3	100 %
114	FP244	WORKSHOP PRACTICE	8	7	88 %
115	FP252	NON-FERROUS METALLURGY	8	7	88 %
116	FPPT213	FRUIT AND VEGETABLE PROCESSING TECHNOLOGY	74	73	99 %
117	FPPT223(REV.)	CEREAL AND BAKING TECHNOLOGY	74	67	91 %
118	FPPT233(REV.)	DAIRY PROCESSING TECHNOLOGY	74	72	97 %
119	FPPT242	OIL AND FAT PROCESSING TECHNOLOGY	74	71	96 %
120	FPPT252	SUGAR AND CONFECTIONERY TECHNOLOGY	74	71	96 %
121	FPPT273	GENERAL & FOOD MICROBIOLOGY	74	68	92 %
122	FPPT283	FOOD CHEMISTRY & INSTRUMENTATION	74	66	89 %
123	FT203	FOOD CHEMISTRY & ANALYSIS	71	71	100 %
124	FT223	FRUITS,VEGETABLES & BEVERAGE TECHNOLOGY	71	70	99 %
125	FT232	FATS & OILS TECHNOLOGY	71	63	89 %
126	FT243	MEAT, POULTRY & FISH TECHNOLOGY	71	71	100 %
127	FT262	FOOD PLANT LAYOUT & HYGIENE	71	68	96 %
128	FT271	FOOD PACKAGING	71	69	97 %
129	FT282	SUGAR & CONFECTIONERY TECHNOLOGY	71	70	99 %
130	FT291	FOOD LAWS & STANDARDS	71	70	99 %
131	FTW214	DESIGN & PATTERN ENGINEERING-II	44	43	98 %
132	FTW223	FOOTWEAR PRODUCTION TECHNOLOGY-II	44	43	98 %
133	FTW232	GRADING OF SHOE COMPONENTS	44	43	98 %
134	FTW244	FOOTWEAR MATERIALS-I	44	43	98 %
135	FTW254	FOOT ANATOMY & LAST MODELING	44	43	98 %
136	GCT202	WORKSHOP TECHNIQUES	26	26	100 %
137	GCT213	GLASS TECHNOLOGY	26	22	85 %
138	GCT224	PARTICLE SIZE REDUCTION & GLAZES	26	21	81 %
139	GCT243	PROPERTIES OF GLASS & CERAMICS MATERIALS	26	21	81 %
140	GCT253	CERAMIC PRODUCTION TECHNIQUE	26	19	73 %
141	GCT263	CERAMIC RAW MATERIALS	26	21	81 %

# PUNJAB BOARD OF TECHNICAL EDUCATION, LAHORE

## SUBJECT WISE PASS PERCENTAGE

DAE, FIRST ANNUAL EXAMINATION, 2024

Dated: 21-Aug-2024

### SECOND YEAR

Sr No.	Subject code	Subject Description	Appeared	Pass	Percentage
142	GEN201	ISLAMIAT & PAK STUDIES/ETHICS & PAK STUDIES	16,926	15,331	91 %
143	GEN211	ISLAMIAT & PAK STUDIES/ETHICS & PAK STUDIES	48	28	58 %
144	GEN221	COMMUNICATIONS SKILLS & REPORT WRITTING	3,520	3,148	89 %
145	GEN271	ISLAMIAT & PAKSTUDIES / ETHICS & PAKSTUDIES	28	26	93 %
146	HVAC214	PRINCIPLE OF AIR CONDITIONING	176	151	86 %
147	HVAC223	APPLIED THERMODYNAMICS IN HVAC & R SYSTEMS	176	118	67 %
148	HVAC233	ENGINEERING ARCHITECTURAL & COMPUTER AIDED DRAWING	176	139	79 %
149	HVAC243	ADVANCE REFRIGERATION	176	167	95 %
150	HVAC253	HVAC & R WORKSHOP PRACTICE-II	176	167	95 %
151	ICT212	OBJECT ORIENTED PROGRAMMING	199	133	67 %
152	ICT223	COMPUTER ARCHITECTURE	199	193	97 %
153	ICT232	COMMUNICATION TECHNOLOGIES	199	198	99 %
154	ICT243	ORGANIZATIONAL SYSTEM SECURITY	199	187	94 %
155	ICT253	ROUTING PROTOCOLS AND CONCEPT	199	172	86 %
156	ICT263	LAN SWITCHING AND WIRELESS	199	174	87 %
157	ICT272	WEBSITE PRODUCTION AND MANAGEMENT	199	185	93 %
158	IT204	PROCESS VARIABLE MEASUREMENTS	153	147	96 %
159	IT213	SEMI CONDUCTOR DEVICES & ELECTRONICS CIRUIT	153	106	69 %
160	IT222	ELECTRICAL & ELECTRONICS MEASURING INSTRUMENTS	153	127	83 %
161	IT232	ELECTRICAL CIRCUIT ANALYSIS	153	147	96 %
162	IT254	DIGITAL CIRCUITS & MICROPROCESSOR APPLICATIONS	153	128	84 %
163	IT262	INSTRUMENTATION DRAWING	153	141	92 %
164	IT271	SAFETY PRACTICE	153	152	99 %
165	L&MS214	SURVEY-II	16	15	94 %
166	L&MS223	SURVEY CAMP	16	16	100 %
167	LT214	APPLIED CHEMISTRY-II	43	43	100 %
168	LT224	PRINCIPLES OF LEATHER MANUFACTURING-II	43	43	100 %
169	LT234	CRUSTING OF UPPER AND SOFT LEATHER	43	42	98 %
170	LT244	SHOE MANUFACTURING	43	43	100 %
171	MATH212	APPLIED MATH	8,905	6,136	69 %
172	MATH223	APPLIED MATH	1,347	712	53 %
173	MATH233	APPLIED MATH	6,722	4,103	61 %
174	MATH242	MATH-II	28	10	36 %
175	MECH.233	COMPUTER AIDED DESIGN (CAD)	3,795	3,595	95 %
176	MECH.246	WORKSHOP PRACTICE-II	3,795	3,106	82 %
177	MECH.272	METROLOGY	3,795	3,531	93 %
178	MECH242	METALLURGY	3,795	3,182	84 %
179	MECH252	METROLOGY	52	51	98 %
180	MGM201	COMMUNICATION SKILLS & REPORT WRITING	3,795	3,616	95 %
181	MGM202	BUSINESS COMMUNICATION AND INDUSTRIAL MANAGEMENT	9	8	89 %
182	MGM211	BUSINESS COMMUNICATION	2,302	2,053	89 %
183	MGM212	COMMUNICATION AND EMPLOYABILITY SKILLS FOR IT	199	193	97 %
184	MGM221	BUSINESS MANAGEMENT & INDUSTRIAL ECONOMICS	9,753	8,699	89 %
185	MGM222	BUSINESS COMMUNICATION & REPORT WRITING	73	73	100 %
186	MGM232	INDUSTRIAL MANAGEMENT & ECONOMICS	772	335	43 %
187	MGM242	BUSINESS MANAGEMENT AND ACCOUNTING	246	152	62 %
188	MIN213	MINE VENTILATION	26	26	100 %

# PUNJAB BOARD OF TECHNICAL EDUCATION, LAHORE

## SUBJECT WISE PASS PERCENTAGE

DAE, FIRST ANNUAL EXAMINATION, 2024

Dated: 21-Aug-2024

### SECOND YEAR

Sr No.	Subject code	Subject Description	Appeared	Pass	Percentage
189	MIN223	GEOLOGY-I	10	7	70 %
190	MIN253	SURVEYING-I	10	8	80 %
191	MIN263	PRACTICAL TRAINING	10	10	100 %
192	MIN273	MINE POWER, DRAINAGE & MATERIAL HANDLING	10	9	90 %
193	MS212(REV.)	MATERIAL SCIENCE	52	19	37 %
194	MT222	ENGINEERING DRAWING & CAD-II	8	5	63 %
195	MT232	ENGINEERING DRAWING & CAD-II	27	27	100 %
196	MT252	METROLOGY	632	601	95 %
197	MTC212	ENGINEERING DRAWING-II AND CAD	3	2	67 %
198	MTM212	MACHINE DRAWING-I	14	12	86 %
199	MTM222	MINE MACHINES-I	14	11	79 %
200	MTM232	APPLIED ELECTRICITY	14	11	79 %
201	MTM242	METALLURGY AND HEAT TREATMENT	14	7	50 %
202	MTM258	PRACTICAL TRAINING	14	14	100 %
203	MTR202	ENGINEERING MATERIALS	73	60	82 %
204	MTR213	DRIVES & LINKAGES	73	72	99 %
205	MTR222	SENSORS & ACTUATORS	73	61	84 %
206	MTR233	MOTORS & GENERATORS	73	67	92 %
207	MTR253	INSTRUMENTATION & MEASUREMENT	73	62	85 %
208	MTR263	ELECTRONIC DEVICES & CIRCUITS	73	66	90 %
209	MTR272	DIGITAL LOGIC DESIGN	73	73	100 %
210	MW202	MACHINE ELEMENTS	27	27	100 %
211	MW212	MACHINE & TOOLS	27	24	89 %
212	MW223	THEORY OF WELDING	27	27	100 %
213	MW262	NON FERROUS METALLURGY	27	27	100 %
214	MW272	PIPE LAYOUT	27	27	100 %
215	MW285	WORKSHOP PRACTICE-II	27	27	100 %
216	PET213	PETROLEUM GEOLOGY	41	41	100 %
217	PET261	WORKSHOP PRACTICE-II	41	41	100 %
218	PET263	FLUID MECHANICS & THERMODYNAMICS	41	41	100 %
219	PET273	PETROCHEMICALS & INDUSTRIAL STOICHIOMETRY	41	41	100 %
220	PET283	DRILLING TECHNOLOGY	41	41	100 %
221	PGA202	OFFSET PRINTING-I	70	69	99 %
222	PGA211	QUALITY ASSURANCE & SAFETY MEASURES	70	69	99 %
223	PGA224	GRAPHIC REPRODUCTION	70	68	97 %
224	PGA233	GRAPHIC DESIGN-II	70	70	100 %
225	PGA242	CONVENTIONAL & DIGITAL PLATE MAKING	70	70	100 %
226	PHY212	APPLIED PHYSICS / APPLIED MECHANICS	5,146	4,049	79 %
227	PHY222	APPLIED PHYSICS	4,580	3,592	78 %
228	PHY242	APPLIED MECHANICS	79	59	75 %
229	PHY243	APPLIED PHYSICS-II	70	45	64 %
230	QS-214	ENGINEERING SURVEY	133	84	63 %
231	QS-225	COST & ESTIMATION I	133	22	17 %
232	QS-232	MEASUREMENT OF CONSTRUCTION WORK	133	101	76 %
233	QS-244	INTRODUCTION TO CONSTRUCTION WORKS	133	92	69 %
234	TC214	ELECTRONIC DEVICES AND CIRCUITS	41	40	98 %
235	TC223	DIGITAL CIRCUITS AND MICROPROCESSOR	41	38	93 %

# PUNJAB BOARD OF TECHNICAL EDUCATION, LAHORE

## SUBJECT WISE PASS PERCENTAGE

DAE, FIRST ANNUAL EXAMINATION, 2024

Dated: 21-Aug-2024

### SECOND YEAR

Sr No.	Subject code	Subject Description	Appeared	Pass	Percentage
236	TC233	MEASURING INSTRUMENTS	41	38	93 %
237	TC243	SWITCHING SYSTEM	41	40	98 %
238	TC253	TRANSMISSION SYSTEMS	41	38	93 %
239	TC263	POWER PLANT	41	37	90 %
240	TD214	TEXTILE CHEMISTRY	46	36	78 %
241	TD223	FIBRE SCIENCE	46	32	70 %
242	TD235	COLORATION-I	46	40	87 %
243	TD242	YARN FORMATION	46	42	91 %
244	TD253(REV.)	TECHNICAL DRAWING AND CAD-I	52	44	85 %
245	TD254	FABRIC FORMATION	46	42	91 %
246	TS212	FIBERS SCIENCE	13	13	100 %
247	TS224	YARN MANUFACTURING TECHNOLOGY	13	12	92 %
248	TS232	TEXTILE SPINNING CALCULATIONS	13	7	54 %
249	TS241	YARN STRUCTURE	13	12	92 %
250	TS251	FIBER POLYMERIZATION AND ADVANCE FIBERS	13	11	85 %
251	TT202	INTRODUCTION TO TEXTILE TESTING & QUALITY CONTROL	79	77	97 %
252	TT221	TECHNICAL TEXTILE	79	76	96 %
253	TW213	FABRIC DESIGN AND STRUCTURE	66	63	95 %
254	TW224	FABRIC MANUFACTURING TECHNOLOGY	66	60	91 %
255	TW232	KNITTING TECHNOLOGY-I	66	62	94 %
256	TW242	TEXTILE WEAVING CALCULATIONS	66	62	94 %
257	WT227	WORKSHOP TECHNOLOGY-II	52	49	94 %