



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Thiruvananthapuram, Kerala, INDIA

B.Tech S3 (R,S) Exam Dec. 2019

Course wise Pass Percentage Report

Course Name and Code	Registered Count	Passed Count	Failed Count	Passed Percentage	Failed Percentage
LINEAR ALGEBRA & COMPLEX ANALYSIS(MA201)	35985	16745	19204	46.53	53.37
MECHANICS OF SOLIDS AND MECHANICS OF MACHINES(ME211)	236	99	136	41.95	57.63
FLUID MECHANICS & MACHINERY(ME200)	748	353	391	47.19	52.27
THERMODYNAMICS(ME205)	10649	3716	6890	34.9	64.7
AIRCRAFT BASICS AND CONTROLS(AO201)	184	100	81	54.35	44.02
BUSINESS ECONOMICS(HS200)	15248	11260	3971	73.85	26.04
LIFE SKILLS(HS210)	13903	13155	740	94.62	5.32
FLUID MECHANICS & MACHINES LAB(ME230)	426	416	9	97.65	2.11
MATERIAL TESTING LAB(CE230)	6014	5885	127	97.86	2.11
NETWORK THEORY(EC201)	6511	3156	3340	48.47	51.3
SOLID STATE DEVICES(EC203)	6511	2879	3623	44.22	55.64
ELECTRONIC CIRCUITS(EC205)	7064	2975	4071	42.11	57.63
LOGIC CIRCUIT DESIGN(EC207)	5749	3154	2573	54.86	44.76
ELECTRONIC DEVICES & CIRCUITS LAB(EC231)	4267	4227	38	99.06	0.89
MECHANICS OF SOLIDS(ME201)	10434	3731	6672	35.76	63.94
S I ENGINES & COMBUSTION(AU201)	145	61	83	42.07	57.24
AUTO CHASSIS(AU203)	124	63	61	50.81	49.19
BASIC MEDICAL SCIENCES FOR ENGINEERS(BM201)	235	193	42	82.13	17.87
NETWORK ANALYSIS(BM203)	182	110	72	60.44	39.56
DESIGN OF ELECTRONIC CIRCUITS(BM207)	380	213	166	56.05	43.68
DESIGN OF LOGIC CIRCUITS(IC207)	333	236	95	70.87	28.53
ELECTRONIC DEVICES & CIRCUITS LAB(BM231)	286	280	6	97.9	2.1
LOGIC CIRCUITS LAB(IC233)	286	283	3	98.95	1.05
FLUID FLOW AND PARTICLE TECHNOLOGY(BT201)	214	123	90	57.48	42.06
CONCEPTS IN BIOCHEMICAL ENGINEERING(BT203)	200	139	61	69.5	30.5
BIOPROCESS CALCULATIONS(BT205)	200	117	83	58.5	41.5
MICROBIOLOGY(BT207)	204	151	52	74.02	25.49
MICROBIOLOGY LAB(BT231)	172	172	0	100	0
FLUID FLOW AND PARTICLE TECHNOLOGY LAB(BT233)	172	171	1	99.42	0.58
CHEMICAL PROCESS CALCULATIONS(CH201)	453	280	173	61.81	38.19
PARTICLE TECHNOLOGY(CH203)	393	259	134	65.9	34.1
FLUID AND PARTICLE MECHANICS I(CH205)	446	288	158	64.57	35.43
CHEMISTRY FOR PROCESS ENGINEERING I(CH207)	442	243	199	54.98	45.02
CHEMISTRY LAB FOR PROCESS ENGINEERING(CH231)	327	324	3	99.08	0.92
CHEMICAL TECHNOLOGY AND ENVIRONMENTAL ENGG LAB(CH233)	327	323	4	98.78	1.22
MECHANICS OF SOLIDS(CE201)	8839	2994	5805	33.87	65.67
FLUID MECHANICS I(CE203)	8713	3419	5281	39.24	60.61
SURVEYING(CE207)	6955	4496	2455	64.64	35.3

CIVIL ENGINEERING DRAFTING LAB(CE231)	5538	5481	56	98.97	1.01
SURVEYING LAB(CE233)	5540	5470	69	98.74	1.25
DISCRETE COMPUTATIONAL STRUCTURES(CS201)	8387	5123	3250	61.08	38.75
SWITCHING THEORY AND LOGIC DESIGN(CS203)	8350	5035	3242	60.3	38.83
DATA STRUCTURES(CS205)	7821	5171	2636	66.12	33.7
ELECTRONICS DEVICES & CIRCUITS(CS207)	9078	3547	5521	39.07	60.82
DATA STRUCTURES LAB(CS231)	6417	6349	65	98.94	1.01
ELECTRONICS CIRCUITS LAB(CS233)	5953	5914	36	99.34	0.6
CIRCUITS AND NETWORKS(EE201)	4681	2057	2611	43.94	55.78
ANALOG ELECTRONIC CIRCUITS(EE203)	5042	2132	2901	42.28	57.54
DC MACHINES AND TRANSFORMERS(EE205)	4822	1838	2958	38.12	61.34
COMPUTER PROGRAMMING(EE207)	4385	2095	2287	47.78	52.16
ELECTRONIC CIRCUITS LAB(EE231)	3092	3052	40	98.71	1.29
PROGRAMMING LAB(EE233)	3092	3059	33	98.93	1.07
ELECTRICAL TECHNOLOGY(BM205)	70	63	7	90	10
ELECTRONIC DESIGN AUTOMATION LAB(EC233)	3888	3874	13	99.64	0.33
LOGIC CIRCUIT DESIGN LAB(EC230)	379	376	2	99.21	0.53
FOOD MICROBIOLOGY(FT201)	137	114	23	83.21	16.79
FOOD CHEMISTRY(FT203)	134	114	20	85.07	14.93
FUNDAMENTALS OF HEAT AND MASS TRANSFER(FT205)	152	114	38	75	25
INTRODUCTORY FOOD TECHNOLOGY(FT207)	134	124	10	92.54	7.46
FOOD MICROBIOLOGY LAB I(FT231)	131	131	0	100	0
FOOD CHEMISTRY LAB(FT233)	131	130	1	99.24	0.76
THERMAL ENGINEERING I(ME207)	76	62	13	81.58	17.11
MECHANICAL PROPERTIES OF STRUCTURAL MATERIALS(ME209)	81	53	28	65.43	34.57
THEORY OF MACHINES(ME213)	80	56	24	70	30
MACHINE DYNAMICS AND MATERIAL TESTING LAB(ME235)	68	68	0	100	0
DIGITAL SYSTEM DESIGN(IT201)	694	383	310	55.19	44.67
DATA COMMUNICATION(IT203)	638	349	285	54.7	44.67
DIGITAL CIRCUITS LAB(IT231)	462	455	6	98.48	1.3
BASIC INSTRUMENTATION ENGINEERING AND TRANSDUCERS(IC201)	82	61	21	74.39	25.61
ELECTRICAL AND ELECTRONICS MEASUREMENTS(IC203)	104	70	34	67.31	32.69
MECHANICS OF FLUIDS(ME203)	8066	3703	4351	45.91	53.94
METALLURGY AND MATERIALS ENGINEERING(ME210)	8821	4369	4443	49.53	50.37
COMPUTER AIDED MACHINE DRAWING LAB(ME231)	5581	5423	157	97.17	2.81
AUTOMOTIVE CHASSIS(AU205)	155	109	46	70.32	29.68
COMPUTER AIDED M/C & AUTO COMPONENTS DRAFTING LAB(AU231)	136	135	1	99.26	0.74
PRODUCTION ENGINEERING DRAWING(MP231)	174	174	0	100	0
C PROGRAMMING(MR201)	197	126	71	63.96	36.04
ELECTRICAL TECHNOLOGY(EE209)	182	120	62	65.93	34.07
ANALOG ELECTRONICS(EC209)	224	108	114	48.21	50.89
SCIENCE OF MEASUREMENTS(MR205)	181	119	62	65.75	34.25
ELECTRICAL TECHNOLOGY LAB(EE235)	150	149	1	99.33	0.67
ANALOG ELECTRONICS LAB(EC235)	150	149	1	99.33	0.67
METALLURGICAL THERMODYNAMICS AND KINETICS(MT201)	31	16	15	51.61	48.39

MINERAL BENEFICIATION(MT203)	26	16	10	61.54	38.46
COMPUTER PROGRAMMING IN C(MT205)	26	20	6	76.92	23.08
MINERAL DRESSING LAB(MT231)	25	25	0	100	0
COMPUTER PROGRAMMING IN C LAB(MT233)	25	25	0	100	0
MECHANICS OF SOLIDS(SB201)	46	35	11	76.09	23.91
MECHANICS OF FLUIDS(SB203)	40	24	16	60	40
INTRODUCTION TO NAVAL ARCHITECTURE & SHIP BUILDING(SB205)	41	35	6	85.37	14.63
BASIC SHIP THEORY(SB207)	39	33	6	84.62	15.38
WELDING AND MACHINE TOOLS LAB(ME237)	37	37	0	100	0
MECHANICS OF FLUIDS LAB(SB231)	37	37	0	100	0
MACHINE TOOL TECHNOLOGY(MP201)	65	45	20	69.23	30.77
MECHANICAL ENGINEERING LAB(ME233)	51	47	4	92.16	7.84
PRINCIPLES OF CHEMICAL ENGINEERING(FS201)	72	64	8	88.89	11.11
PRINCIPLES OF SAFETY MANAGEMENT(FS203)	65	49	16	75.38	24.62
SAFETY IN CONSTRUCTION INDUSTRY(FS205)	67	46	21	68.66	31.34
SAFETY ENGINEERING LAB(FS231)	63	63	0	100	0
ENGINEERING GEOLOGY(CE205)	6946	3577	3361	51.5	48.39
BASICS OF POLYMER ENGINEERING(PO201)	32	32	0	100	0
ORGANIC CHEMISTRY(PO203)	32	30	2	93.75	6.25
CHEMISTRY LAB(PO231)	32	32	0	100	0
COMPUTER AIDED DRAFTING LAB(PO233)	32	32	0	100	0