

# RESULT STATISTICS INSTITUTE - SUBJECT WISE - REVISION 15 (NOVEMBER 2018)

## ALL SEMESTERS

### 1 Central Polytechnic College, Thiruvananthapuram

	Subject	Registered	Appeared	Passed	Pass %
<b>Civil Engineering</b>					
1	1008 - COMPUTING FUNDAMENTALS	62	59	59	95.16
2	1001 - ENGLISH FOR COMMUNICATION-1	62	61	57	91.94
3	1009 - HEALTH & PHYSICAL EDUCATION	62	54	53	85.48
4	3017 - Survey Practical II	59	51	48	81.36
5	3019 - Construction Engg. Lab	59	47	47	79.66
6	3001 - Environmental Science & Disaster Management	59	54	47	79.66
7	1003 - ENGINEERING PHYSICS-1	62	61	49	79.03
8	3018 - Concrete Lab	59	54	46	77.97
9	1004 - ENGINEERING CHEMISTRY-1	62	57	48	77.42
10	3014 - Building Planning & Drawing	59	53	41	69.49
11	3011 - Construction Materials and Engineering	59	55	38	64.41
12	1002 - ENGINEERING MATHEMATICS-1	62	60	39	62.9
13	3013 - Theory of Structures I	59	53	37	62.71
14	3012 - Surveying II	59	55	34	57.63
<b>Mechanical Engineering</b>					
1	1009 - HEALTH & PHYSICAL EDUCATION	63	60	60	95.24
2	1008 - COMPUTING FUNDAMENTALS	63	59	59	93.65
3	1001 - ENGLISH FOR COMMUNICATION-1	63	60	58	92.06
4	3027 - Workshop Practice III	60	46	46	76.67
5	3001 - Environmental Science & Disaster Management	60	47	44	73.33
6	1004 - ENGINEERING CHEMISTRY-1	63	60	45	71.43
7	3028 - Electrical Technology Lab	60	47	42	70
8	1003 - ENGINEERING PHYSICS-1	63	61	40	63.49
9	1002 - ENGINEERING MATHEMATICS-1	63	61	40	63.49
10	3029 - Fluid Mechanics Lab	60	40	36	60
11	3024 - Machine Drawing	60	52	35	58.33
12	3022 - Fluid Mechanics & Pneumatics	60	57	34	56.67
13	3023 - Manufacturing Process	60	54	30	50
14	3021 - Electrical & Electronics Engg.	60	53	29	48.33
<b>Electrical &amp; Electronics Engineering</b>					
1	1008 - COMPUTING FUNDAMENTALS	59	58	58	98.31
2	1009 - HEALTH & PHYSICAL EDUCATION	59	57	57	96.61
3	3037 - Electrical Workshop Practice	52	50	50	96.15

4	3039 - Electrical Measurements Lab	52	48	48	92.31
5	1001 - ENGLISH FOR COMMUNICATION-1	59	57	53	89.83
6	3001 - Environmental Science & Disaster Management	52	47	43	82.69
7	3038 - Mechanical Engineering Lab	52	42	40	76.92
8	1004 - ENGINEERING CHEMISTRY-1	59	57	42	71.19
9	3032 - Electrical Measuring Instruments	52	50	35	67.31
10	1003 - ENGINEERING PHYSICS-1	59	57	39	66.1
11	1002 - ENGINEERING MATHEMATICS-1	59	57	33	55.93
12	3034 - Mechanical Engineering	52	47	26	50
13	3033 - Fundamentals of AC Systems	52	44	20	38.46
14	3031 - Analog Devices & Circuits	52	48	17	32.69

### Electronics

1	1008 - COMPUTING FUNDAMENTALS	59	52	49	83.05
2	3048 - Digital Electronics Lab	45	42	34	75.56
3	1001 - ENGLISH FOR COMMUNICATION-1	59	53	44	74.58
4	1009 - HEALTH & PHYSICAL EDUCATION	59	48	44	74.58
5	3047 - Electronics Circuits Lab	45	42	33	73.33
6	3044 - Electronic Devices & Circuits	45	42	31	68.89
7	3042 - Digital Electronics	45	43	31	68.89
8	3001 - Environmental Science & Disaster Management	45	44	31	68.89
9	3041 - Communication Engineering	45	42	31	68.89
10	3049 - Analogue Communication Lab	45	41	28	62.22
11	1003 - ENGINEERING PHYSICS-1	59	57	34	57.63
12	3043 - Electrical Technology	45	43	24	53.33
13	1004 - ENGINEERING CHEMISTRY-1	59	55	31	52.54
14	1002 - ENGINEERING MATHEMATICS-1	59	57	26	44.07

### Textile Technology

1	1001 - ENGLISH FOR COMMUNICATION-1	59	55	45	76.27
2	3067 - Yarn Formation I Practical	42	35	30	71.43
3	3068 - Textile Wet Processing I Practical	42	34	29	69.05
4	3069 - Fabric Formation I Practical	42	30	27	64.29
5	3063 - Textile Wet Processing I	42	34	21	50
6	3001 - Environmental Science & Disaster Management	42	30	20	47.62
7	3064 - Yarn Formation I	42	36	19	45.24
8	1009 - HEALTH & PHYSICAL EDUCATION	59	27	26	44.07
9	1008 - COMPUTING FUNDAMENTALS	59	26	26	44.07
10	1004 - ENGINEERING CHEMISTRY-1	59	50	25	42.37
11	3062 - Fabric Formation I	42	32	14	33.33
12	3061 - Design and Structure of Fabrics	42	33	13	30.95
13	1002 - ENGINEERING MATHEMATICS-1	59	55	15	25.42
14	1003 - ENGINEERING PHYSICS-1	59	56	13	22.03

## Computer Engineering

1	1008 - COMPUTING FUNDAMENTALS	59	57	52	88.14
2	1001 - ENGLISH FOR COMMUNICATION-1	59	56	52	88.14
3	3138 - Digital Computer Principles Lab	42	36	36	85.71
4	3139 - Database Management System Lab	42	36	36	85.71
5	1009 - HEALTH & PHYSICAL EDUCATION	59	50	46	77.97
6	3137 - Objected Oriented Programming Lab	42	36	31	73.81
7	3001 - Environmental Science & Disaster Management	42	36	30	71.43
8	1004 - ENGINEERING CHEMISTRY-1	59	55	41	69.49
9	3131 - Computer Architecture	42	37	29	69.05
10	3132 - Database Management System	42	37	28	66.67
11	1003 - ENGINEERING PHYSICS-1	59	55	35	59.32
12	3134 - Objected Oriented Programming through C++	42	36	24	57.14
13	3133 - Digital Computer Principles	42	37	22	52.38
14	1002 - ENGINEERING MATHEMATICS-1	59	55	23	38.98

## 2 Sree Narayana Polytechnic College, Kottiyam

Subject	Registered	Appeared	Passed	Pass %
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## Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	57	57	57	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36
3	5018 - Geotechnical Engineering Lab	57	56	56	98.25
4	5019 - Computer Application Lab	57	56	56	98.25
5	1001 - ENGLISH FOR COMMUNICATION-1	61	60	58	95.08
6	1008 - COMPUTING FUNDAMENTALS	61	60	58	95.08
7	3001 - Environmental Science & Disaster Management	60	55	55	91.67
8	3019 - Construction Engg. Lab	60	55	55	91.67
9	5017 - Habitat Technology	57	56	52	91.23
10	1002 - ENGINEERING MATHEMATICS-1	61	60	55	90.16
11	3018 - Concrete Lab	60	55	54	90
12	5013 - Geotechnical Engineering	57	56	51	89.47
13	5012 - Construction Management & Safety Engineering	57	56	50	87.72
14	3014 - Building Planning & Drawing	60	55	51	85
15	1004 - ENGINEERING CHEMISTRY-1	61	60	51	83.61
16	3017 - Survey Practical II	60	53	50	83.33
17	5015 - Structural Design I	57	56	47	82.46
18	5014 - Quantity Surveying II	57	56	45	78.95
19	1003 - ENGINEERING PHYSICS-1	61	60	47	77.05
20	3011 - Construction Materials and Engineering	60	54	43	71.67
21	3013 - Theory of Structures I	60	55	37	61.67
22	3012 - Surveying II	60	54	33	55

## Civil Engineering (Evening)

1	2009 - Life Skill	41	39	39	95.12
2	2007 - Engineering Science Lab II	41	37	37	90.24
3	2008 - Workshop Practice	41	37	37	90.24
4	2019 - Survey Practical I	41	37	35	85.37
5	2005 - Engineering Graphics	41	38	32	78.05
6	2001 - English for Communication II	41	38	29	70.73
7	2011 - Surveying I	41	39	19	46.34
8	2004 - Engineering Chemistry II	41	36	18	43.9
9	2002 - Engineering Mathematics II	41	36	17	41.46
10	2003 - Engineering Physics II	41	36	14	34.15

### **Mechanical Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
2	5027 - CADD Lab I	50	50	50	100
3	5028 - Industrial Maintenance and Servicing Laboratory	50	50	50	100
4	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
5	5029 - Machine Shop Practice	50	50	49	98
6	3027 - Workshop Practice III	54	52	52	96.3
7	1008 - COMPUTING FUNDAMENTALS	62	61	59	95.16
8	1001 - ENGLISH FOR COMMUNICATION-1	62	62	59	95.16
9	5001 - Industrial Management & Safety	50	50	45	90
10	5023 - Power Plant Engineering	50	50	43	86
11	3024 - Machine Drawing	54	52	43	79.63
12	5021 - Design of Machine Elements	50	50	39	78
13	1004 - ENGINEERING CHEMISTRY-1	62	62	48	77.42
14	3001 - Environmental Science & Disaster Management	54	52	41	75.93
15	1003 - ENGINEERING PHYSICS-1	62	62	45	72.58
16	5022 - Industrial Engineering	50	50	36	72
17	1002 - ENGINEERING MATHEMATICS-1	62	62	44	70.97
18	3028 - Electrical Technology Lab	54	51	34	62.96
19	3029 - Fluid Mechanics Lab	54	50	34	62.96
20	3022 - Fluid Mechanics & Pneumatics	54	52	33	61.11
21	3023 - Manufacturing Process	54	52	25	46.3
22	3021 - Electrical & Electronics Engg.	54	52	24	44.44

### **Mechanical Engineering (Evening)**

1	2009 - Life Skill	38	38	38	100
2	2007 - Engineering Science Lab II	38	37	37	97.37
3	2008 - Workshop Practice	38	37	37	97.37
4	2001 - English for Communication II	38	38	30	78.95
5	2005 - Engineering Graphics	38	35	30	78.95
6	2029 - Basic Mechanical Engineering Lab	38	38	29	76.32
7	2021 - Basic Mechanical Engineering	38	36	28	73.68
8	2002 - Engineering Mathematics II	38	37	23	60.53

9	2004 - Engineering Chemistry II	38	33	17	44.74
10	2003 - Engineering Physics II	38	35	11	28.95

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
3	1008 - COMPUTING FUNDAMENTALS	62	62	58	93.55
4	1001 - ENGLISH FOR COMMUNICATION-1	62	62	56	90.32
5	5038 - Electronics Lab	53	47	47	88.68
6	3001 - Environmental Science & Disaster Management	57	55	48	84.21
7	3039 - Electrical Measurements Lab	57	49	42	73.68
8	3037 - Electrical Workshop Practice	57	52	42	73.68
9	1003 - ENGINEERING PHYSICS-1	62	62	44	70.97
10	1002 - ENGINEERING MATHEMATICS-1	62	62	44	70.97
11	1004 - ENGINEERING CHEMISTRY-1	62	62	43	69.35
12	5001 - Industrial Management & Safety	53	49	35	66.04
13	5039 - A C Machines Lab I	53	45	35	66.04
14	3032 - Electrical Measuring Instruments	57	55	36	63.16
15	5031 - Induction Machines	53	48	33	62.26
16	3034 - Mechanical Engineering	57	55	34	59.65
17	5034 - Electrical Engineering Materials	53	50	30	56.6
18	3038 - Mechanical Engineering Lab	57	50	32	56.14
19	3033 - Fundamentals of AC Systems	57	53	29	50.88
20	5032 - Power Electronics	53	48	26	49.06
21	3031 - Analog Devices & Circuits	57	55	24	42.11

### Electrical & Electronics Engineering (Evening)

1	2009 - Life Skill	36	35	35	97.22
2	2007 - Engineering Science Lab II	36	34	34	94.44
3	2039 - Basic Electrical Engineering Workshop	36	34	34	94.44
4	2008 - Workshop Practice	36	33	33	91.67
5	2001 - English for Communication II	36	34	30	83.33
6	2031 - Basic Electrical Engineering	36	34	26	72.22
7	2005 - Engineering Graphics	36	33	25	69.44
8	2002 - Engineering Mathematics II	36	33	24	66.67
9	2004 - Engineering Chemistry II	36	32	21	58.33
10	2003 - Engineering Physics II	36	30	13	36.11

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	41	41	41	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36
3	1008 - COMPUTING FUNDAMENTALS	61	59	57	93.44
4	5047 - PCB & Spice Lab	41	39	38	92.68
5	5048 - Industrial Electronics & PLC Lab	41	38	38	92.68

6	5049 - Embedded System Lab	41	38	37	90.24
7	3048 - Digital Electronics Lab	51	50	46	90.2
8	1001 - ENGLISH FOR COMMUNICATION-1	61	60	52	85.25
9	3049 - Analogue Communication Lab	51	42	42	82.35
10	3047 - Electronics Circuits Lab	51	45	41	80.39
11	3001 - Environmental Science & Disaster Management	51	50	39	76.47
12	5042 - Industrial Electronics & PLC	41	39	29	70.73
13	5001 - Industrial Management & Safety	41	39	28	68.29
14	1004 - ENGINEERING CHEMISTRY-1	61	60	39	63.93
15	5045 - Optical Fibre Communication	41	39	26	63.41
16	5041 - Embedded System	41	40	26	63.41
17	1002 - ENGINEERING MATHEMATICS-1	61	60	37	60.66
18	1003 - ENGINEERING PHYSICS-1	61	60	35	57.38
19	3044 - Electronic Devices & Circuits	51	46	25	49.02
20	3042 - Digital Electronics	51	50	22	43.14
21	3043 - Electrical Technology	51	49	20	39.22
22	3041 - Communication Engineering	51	49	18	35.29

### 3 Carmel Polytechnic College, Alappuzha

Subject	Registered	Appeared	Passed	Pass %
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#### Civil Engineering

1	1008 - COMPUTING FUNDAMENTALS	62	62	62	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
3	5018 - Geotechnical Engineering Lab	56	56	56	100
4	5012 - Construction Management & Safety Engineering	56	56	56	100
5	5019 - Computer Application Lab	56	56	56	100
6	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
7	5017 - Habitat Technology	56	55	54	96.43
8	3001 - Environmental Science & Disaster Management	57	57	54	94.74
9	3019 - Construction Engg. Lab	57	55	54	94.74
10	3017 - Survey Practical II	57	55	53	92.98
11	1001 - ENGLISH FOR COMMUNICATION-1	62	62	57	91.94
12	3018 - Concrete Lab	57	56	52	91.23
13	5015 - Structural Design I	56	55	51	91.07
14	1003 - ENGINEERING PHYSICS-1	62	62	55	88.71
15	5014 - Quantity Surveying II	56	56	49	87.5
16	5013 - Geotechnical Engineering	56	54	49	87.5
17	3014 - Building Planning & Drawing	57	57	48	84.21
18	1004 - ENGINEERING CHEMISTRY-1	62	62	51	82.26
19	1002 - ENGINEERING MATHEMATICS-1	62	62	51	82.26
20	3013 - Theory of Structures I	57	57	46	80.7
21	3011 - Construction Materials and Engineering	57	57	44	77.19
22	3012 - Surveying II	57	57	41	71.93

## Mechanical Engineering

1	3027 - Workshop Practice III	61	61	61	100
2	5028 - Industrial Maintenance and Servicing Laboratory	53	53	53	100
3	5029 - Machine Shop Practice	53	53	53	100
4	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
5	5027 - CADD Lab I	53	53	52	98.11
6	1009 - HEALTH & PHYSICAL EDUCATION	62	58	58	93.55
7	1008 - COMPUTING FUNDAMENTALS	62	57	57	91.94
8	3024 - Machine Drawing	61	60	56	91.8
9	3001 - Environmental Science & Disaster Management	61	61	56	91.8
10	1004 - ENGINEERING CHEMISTRY-1	62	58	55	88.71
11	3029 - Fluid Mechanics Lab	61	60	54	88.52
12	1001 - ENGLISH FOR COMMUNICATION-1	62	56	54	87.1
13	5023 - Power Plant Engineering	53	52	46	86.79
14	3028 - Electrical Technology Lab	61	59	52	85.25
15	3023 - Manufacturing Process	61	61	52	85.25
16	5001 - Industrial Management & Safety	53	52	44	83.02
17	3022 - Fluid Mechanics & Pneumatics	61	61	49	80.33
18	5022 - Industrial Engineering	53	53	42	79.25
19	1003 - ENGINEERING PHYSICS-1	62	57	49	79.03
20	1002 - ENGINEERING MATHEMATICS-1	62	58	48	77.42
21	3021 - Electrical & Electronics Engg.	61	61	40	65.57
22	5021 - Design of Machine Elements	53	51	33	62.26

## Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	63	63	63	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
3	5038 - Electronics Lab	63	61	60	95.24
4	1008 - COMPUTING FUNDAMENTALS	60	56	56	93.33
5	1001 - ENGLISH FOR COMMUNICATION-1	60	59	55	91.67
6	5039 - A C Machines Lab I	63	59	57	90.48
7	3001 - Environmental Science & Disaster Management	63	61	53	84.13
8	3037 - Electrical Workshop Practice	63	58	51	80.95
9	3039 - Electrical Measurements Lab	63	57	50	79.37
10	3031 - Analog Devices & Circuits	63	61	48	76.19
11	1004 - ENGINEERING CHEMISTRY-1	60	59	44	73.33
12	3038 - Mechanical Engineering Lab	63	46	43	68.25
13	5001 - Industrial Management & Safety	63	63	42	66.67
14	3032 - Electrical Measuring Instruments	63	58	42	66.67
15	3033 - Fundamentals of AC Systems	63	60	42	66.67
16	3034 - Mechanical Engineering	63	59	41	65.08
17	1002 - ENGINEERING MATHEMATICS-1	60	59	39	65
18	1003 - ENGINEERING PHYSICS-1	60	59	37	61.67

19	5032 - Power Electronics	63	61	38	60.32
20	5031 - Induction Machines	63	62	36	57.14
21	5034 - Electrical Engineering Materials	63	63	33	52.38

### Electronics

1	1009 - HEALTH & PHYSICAL EDUCATION	59	59	59	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
3	1008 - COMPUTING FUNDAMENTALS	59	59	59	100
4	5049 - Embedded System Lab	51	50	50	98.04
5	5047 - PCB & Spice Lab	51	50	49	96.08
6	3049 - Analogue Communication Lab	53	53	50	94.34
7	5048 - Industrial Electronics & PLC Lab	51	51	48	94.12
8	3048 - Digital Electronics Lab	53	53	48	90.57
9	3047 - Electronics Circuits Lab	53	53	47	88.68
10	1001 - ENGLISH FOR COMMUNICATION-1	59	59	52	88.14
11	3042 - Digital Electronics	53	53	44	83.02
12	3001 - Environmental Science & Disaster Management	53	53	42	79.25
13	5042 - Industrial Electronics & PLC	51	51	38	74.51
14	1004 - ENGINEERING CHEMISTRY-1	59	59	42	71.19
15	5045 - Optical Fibre Communication	51	51	35	68.63
16	5001 - Industrial Management & Safety	51	51	32	62.75
17	3041 - Communication Engineering	53	53	31	58.49
18	1003 - ENGINEERING PHYSICS-1	59	59	34	57.63
19	3043 - Electrical Technology	53	53	27	50.94
20	1002 - ENGINEERING MATHEMATICS-1	59	58	28	47.46
21	5041 - Embedded System	51	51	24	47.06
22	3044 - Electronic Devices & Circuits	53	53	24	45.28

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	5057 - CAD Lab - I	51	51	51	100
3	5058 - Automobile Servicing Lab II	51	51	51	100
4	5059 - Automobile Engineering Lab	51	51	50	98.04
5	1009 - HEALTH & PHYSICAL EDUCATION	60	58	58	96.67
6	3057 - Manufacturing Lab I	54	54	52	96.3
7	1008 - COMPUTING FUNDAMENTALS	60	58	56	93.33
8	5051 - Automobile Design	51	51	47	92.16
9	1001 - ENGLISH FOR COMMUNICATION-1	60	58	55	91.67
10	5052 - Automobile Transmission	51	51	46	90.2
11	5055 - Automotive Air Conditioning	51	51	45	88.24
12	5001 - Industrial Management & Safety	51	51	44	86.27
13	3059 - Hydraulics Lab	54	54	46	85.19
14	1004 - ENGINEERING CHEMISTRY-1	60	59	51	85
15	3001 - Environmental Science & Disaster Management	54	54	45	83.33



16	3024 - Machine Drawing	54	54	43	79.63
17	3058 - Petrol Engine Service Lab	54	54	42	77.78
18	3021 - Electrical & Electronics Engg.	54	54	40	74.07
19	1003 - ENGINEERING PHYSICS-1	60	59	42	70
20	3052 - Production Process of Automobile Components	54	53	36	66.67
21	3051 - Fluid Mechanics & Machinery	54	54	33	61.11
22	1002 - ENGINEERING MATHEMATICS-1	60	59	32	53.33

### Computer Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	58	58	58	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	59	59	59	100
3	1008 - COMPUTING FUNDAMENTALS	58	58	58	100
4	5138 - Microprocessor Lab	59	59	56	94.92
5	1001 - ENGLISH FOR COMMUNICATION-1	58	58	55	94.83
6	5137 - Computer Network Engineering Lab	59	59	54	91.53
7	5139 - Web Programming Lab	59	59	53	89.83
8	3001 - Environmental Science & Disaster Management	55	55	49	89.09
9	3138 - Digital Computer Principles Lab	55	54	49	89.09
10	3139 - Database Management System Lab	55	54	48	87.27
11	1004 - ENGINEERING CHEMISTRY-1	58	58	50	86.21
12	3137 - Objected Oriented Programming Lab	55	54	44	80
13	5132 - Project Management & Software Engineering	59	59	45	76.27
14	5135 - Ethical Hacking	59	58	45	76.27
15	5131 - Microprocessor and Interfacing	59	59	38	64.41
16	1003 - ENGINEERING PHYSICS-1	58	58	37	63.79
17	1002 - ENGINEERING MATHEMATICS-1	58	58	32	55.17
18	5133 - Web Programming	59	59	32	54.24
19	3133 - Digital Computer Principles	55	55	27	49.09
20	3132 - Database Management System	55	55	27	49.09
21	3134 - Objected Oriented Programming through C++	55	54	25	45.45
22	3131 - Computer Architecture	55	55	25	45.45

### 4 N.S.S. Polytechnic College, Pandalam

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	1009 - HEALTH & PHYSICAL EDUCATION	64	64	63	98.44
3	1008 - COMPUTING FUNDAMENTALS	64	64	63	98.44
4	5019 - Computer Application Lab	58	57	57	98.28
5	5018 - Geotechnical Engineering Lab	58	58	56	96.55
6	1001 - ENGLISH FOR COMMUNICATION-1	64	63	61	95.31
7	3018 - Concrete Lab	57	55	50	87.72
8	3019 - Construction Engg. Lab	57	54	48	84.21

9	1004 - ENGINEERING CHEMISTRY-1	64	63	53	82.81
10	3014 - Building Planning & Drawing	57	56	47	82.46
11	3017 - Survey Practical II	57	54	46	80.7
12	5014 - Quantity Surveying II	58	56	44	75.86
13	1003 - ENGINEERING PHYSICS-1	64	63	47	73.44
14	5012 - Construction Management & Safety Engineering	58	56	41	70.69
15	3001 - Environmental Science & Disaster Management	57	56	40	70.18
16	5017 - Habitat Technology	58	56	40	68.97
17	5013 - Geotechnical Engineering	58	57	39	67.24
18	3011 - Construction Materials and Engineering	57	56	38	66.67
19	5015 - Structural Design I	58	54	38	65.52
20	3013 - Theory of Structures I	57	56	34	59.65
21	1002 - ENGINEERING MATHEMATICS-1	64	63	38	59.38
22	3012 - Surveying II	57	53	26	45.61

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
2	5029 - Machine Shop Practice	50	47	47	94
3	5027 - CADD Lab I	50	46	46	92
4	5028 - Industrial Maintenance and Servicing Laboratory	50	46	46	92
5	3027 - Workshop Practice III	62	56	56	90.32
6	1009 - HEALTH & PHYSICAL EDUCATION	62	55	55	88.71
7	1008 - COMPUTING FUNDAMENTALS	62	54	52	83.87
8	3028 - Electrical Technology Lab	62	60	51	82.26
9	1001 - ENGLISH FOR COMMUNICATION-1	62	57	48	77.42
10	3001 - Environmental Science & Disaster Management	62	59	44	70.97
11	5001 - Industrial Management & Safety	50	46	35	70
12	5023 - Power Plant Engineering	50	47	35	70
13	3029 - Fluid Mechanics Lab	62	54	38	61.29
14	3024 - Machine Drawing	62	61	38	61.29
15	1004 - ENGINEERING CHEMISTRY-1	62	56	36	58.06
16	3021 - Electrical & Electronics Engg.	62	61	34	54.84
17	1003 - ENGINEERING PHYSICS-1	62	57	33	53.23
18	3023 - Manufacturing Process	62	61	32	51.61
19	1002 - ENGINEERING MATHEMATICS-1	62	57	30	48.39
20	5022 - Industrial Engineering	50	47	24	48
21	5021 - Design of Machine Elements	50	46	23	46
22	3022 - Fluid Mechanics & Pneumatics	62	60	27	43.55

### **Electrical & Electronics Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	3037 - Electrical Workshop Practice	57	55	49	85.96
3	1009 - HEALTH & PHYSICAL EDUCATION	63	50	50	79.37
4	1008 - COMPUTING FUNDAMENTALS	63	53	48	76.19

5	5038 - Electronics Lab	49	40	36	73.47
6	1001 - ENGLISH FOR COMMUNICATION-1	63	53	44	69.84
7	5039 - A C Machines Lab I	49	39	34	69.39
8	1004 - ENGINEERING CHEMISTRY-1	63	53	43	68.25
9	3039 - Electrical Measurements Lab	57	51	32	56.14
10	3001 - Environmental Science & Disaster Management	57	48	29	50.88
11	3031 - Analog Devices & Circuits	57	50	29	50.88
12	5031 - Induction Machines	49	44	24	48.98
13	1002 - ENGINEERING MATHEMATICS-1	63	53	29	46.03
14	5001 - Industrial Management & Safety	49	40	22	44.9
15	1003 - ENGINEERING PHYSICS-1	63	53	27	42.86
16	3038 - Mechanical Engineering Lab	57	52	24	42.11
17	5032 - Power Electronics	49	43	19	38.78
18	3034 - Mechanical Engineering	57	56	20	35.09
19	3032 - Electrical Measuring Instruments	57	51	20	35.09
20	5034 - Electrical Engineering Materials	49	45	16	32.65
21	3033 - Fundamentals of AC Systems	57	50	12	21.05

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
3	1008 - COMPUTING FUNDAMENTALS	60	58	57	95
4	5137 - Computer Network Engineering Lab	43	41	39	90.7
5	5139 - Web Programming Lab	43	37	36	83.72
6	3139 - Database Management System Lab	44	42	36	81.82
7	5138 - Microprocessor Lab	43	40	35	81.4
8	1001 - ENGLISH FOR COMMUNICATION-1	60	58	48	80
9	3137 - Objected Oriented Programming Lab	44	41	35	79.55
10	3138 - Digital Computer Principles Lab	44	41	34	77.27
11	3001 - Environmental Science & Disaster Management	44	41	32	72.73
12	3131 - Computer Architecture	44	41	30	68.18
13	5131 - Microprocessor and Interfacing	43	42	29	67.44
14	3134 - Objected Oriented Programming through C++	44	42	29	65.91
15	1004 - ENGINEERING CHEMISTRY-1	60	59	37	61.67
16	5132 - Project Management & Software Engineering	43	43	26	60.47
17	5134 - Cloud Computing	43	40	26	60.47
18	5133 - Web Programming	43	42	25	58.14
19	3133 - Digital Computer Principles	44	40	25	56.82
20	3132 - Database Management System	44	41	25	56.82
21	1002 - ENGINEERING MATHEMATICS-1	60	59	28	46.67
22	1003 - ENGINEERING PHYSICS-1	60	59	26	43.33

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
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2	5209 - Digital Communication Lab	44	42	41	93.18
3	3049 - Analogue Communication Lab	43	43	40	93.02
4	3048 - Digital Electronics Lab	43	42	37	86.05
5	5049 - Embedded System Lab	44	40	37	84.09
6	5047 - PCB & Spice Lab	44	37	35	79.55
7	1009 - HEALTH & PHYSICAL EDUCATION	62	47	47	75.81
8	1001 - ENGLISH FOR COMMUNICATION-1	62	57	45	72.58
9	1008 - COMPUTING FUNDAMENTALS	62	56	43	69.35
10	3047 - Electronics Circuits Lab	43	42	29	67.44
11	3001 - Environmental Science & Disaster Management	43	42	25	58.14
12	1004 - ENGINEERING CHEMISTRY-1	62	57	34	54.84
13	3043 - Electrical Technology	43	43	21	48.84
14	5041 - Embedded System	44	44	21	47.73
15	3041 - Communication Engineering	43	43	19	44.19
16	5001 - Industrial Management & Safety	44	43	19	43.18
17	3042 - Digital Electronics	43	42	17	39.53
18	5044 - Medical Electronics	44	41	17	38.64
19	1003 - ENGINEERING PHYSICS-1	62	57	17	27.42
20	1002 - ENGINEERING MATHEMATICS-1	62	57	16	25.81
21	3044 - Electronic Devices & Circuits	43	41	11	25.58
22	5201 - Digital Communication	44	42	11	25

#### 5 Government Polytechnic College, Kottayam

Subject	Registered	Appeared	Passed	Pass %
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#### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	1009 - HEALTH & PHYSICAL EDUCATION	67	65	65	97.01
3	5018 - Geotechnical Engineering Lab	53	48	48	90.57
4	5019 - Computer Application Lab	53	48	48	90.57
5	1008 - COMPUTING FUNDAMENTALS	67	61	60	89.55
6	1001 - ENGLISH FOR COMMUNICATION-1	67	65	59	88.06
7	3019 - Construction Engg. Lab	59	53	51	86.44
8	3018 - Concrete Lab	59	53	51	86.44
9	3001 - Environmental Science & Disaster Management	59	58	48	81.36
10	5017 - Habitat Technology	53	50	42	79.25
11	5012 - Construction Management & Safety Engineering	53	49	41	77.36
12	1004 - ENGINEERING CHEMISTRY-1	67	65	50	74.63
13	5013 - Geotechnical Engineering	53	52	39	73.58
14	3017 - Survey Practical II	59	55	42	71.19
15	1003 - ENGINEERING PHYSICS-1	67	65	46	68.66
16	3014 - Building Planning & Drawing	59	57	37	62.71
17	3011 - Construction Materials and Engineering	59	56	35	59.32
18	5015 - Structural Design I	53	49	30	56.6

19	5014 - Quantity Surveying II	53	47	30	56.6
20	1002 - ENGINEERING MATHEMATICS-1	67	65	33	49.25
21	3013 - Theory of Structures I	59	58	27	45.76
22	3012 - Surveying II	59	56	25	42.37

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	5027 - CADD Lab I	51	50	50	98.04
3	3027 - Workshop Practice III	60	58	58	96.67
4	1009 - HEALTH & PHYSICAL EDUCATION	63	60	60	95.24
5	5028 - Industrial Maintenance and Servicing Laboratory	51	50	48	94.12
6	5029 - Machine Shop Practice	51	49	48	94.12
7	1008 - COMPUTING FUNDAMENTALS	63	60	57	90.48
8	1001 - ENGLISH FOR COMMUNICATION-1	63	61	54	85.71
9	3028 - Electrical Technology Lab	60	59	50	83.33
10	3029 - Fluid Mechanics Lab	60	58	48	80
11	3024 - Machine Drawing	60	59	46	76.67
12	3001 - Environmental Science & Disaster Management	60	60	46	76.67
13	1004 - ENGINEERING CHEMISTRY-1	63	61	43	68.25
14	5023 - Power Plant Engineering	51	44	33	64.71
15	5001 - Industrial Management & Safety	51	49	29	56.86
16	1003 - ENGINEERING PHYSICS-1	63	61	35	55.56
17	3023 - Manufacturing Process	60	59	31	51.67
18	5022 - Industrial Engineering	51	51	25	49.02
19	1002 - ENGINEERING MATHEMATICS-1	63	61	30	47.62
20	5021 - Design of Machine Elements	51	47	24	47.06
21	3022 - Fluid Mechanics & Pneumatics	60	55	28	46.67
22	3021 - Electrical & Electronics Engg.	60	59	28	46.67

### **Electrical & Electronics Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
2	1008 - COMPUTING FUNDAMENTALS	62	61	60	96.77
3	1009 - HEALTH & PHYSICAL EDUCATION	62	60	60	96.77
4	5038 - Electronics Lab	50	50	45	90
5	1001 - ENGLISH FOR COMMUNICATION-1	62	61	54	87.1
6	5039 - A C Machines Lab I	50	49	41	82
7	3037 - Electrical Workshop Practice	54	47	44	81.48
8	1004 - ENGINEERING CHEMISTRY-1	62	61	46	74.19
9	3039 - Electrical Measurements Lab	54	44	40	74.07
10	5031 - Induction Machines	50	49	33	66
11	3033 - Fundamentals of AC Systems	54	51	34	62.96
12	1003 - ENGINEERING PHYSICS-1	62	61	38	61.29
13	3001 - Environmental Science & Disaster Management	54	51	33	61.11
14	3038 - Mechanical Engineering Lab	54	45	32	59.26

15	1002 - ENGINEERING MATHEMATICS-1	62	61	33	53.23
16	5001 - Industrial Management & Safety	50	49	25	50
17	3032 - Electrical Measuring Instruments	54	52	24	44.44
18	3034 - Mechanical Engineering	54	51	22	40.74
19	5034 - Electrical Engineering Materials	50	49	20	40
20	5032 - Power Electronics	50	49	19	38
21	3031 - Analog Devices & Circuits	54	51	20	37.04

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
2	5049 - Embedded System Lab	44	42	42	95.45
3	1009 - HEALTH & PHYSICAL EDUCATION	59	55	55	93.22
4	1008 - COMPUTING FUNDAMENTALS	59	56	55	93.22
5	5047 - PCB & Spice Lab	44	40	39	88.64
6	5048 - Industrial Electronics & PLC Lab	44	42	39	88.64
7	1001 - ENGLISH FOR COMMUNICATION-1	59	56	45	76.27
8	3049 - Analogue Communication Lab	57	54	43	75.44
9	3048 - Digital Electronics Lab	57	52	41	71.93
10	3001 - Environmental Science & Disaster Management	57	55	37	64.91
11	5041 - Embedded System	44	43	28	63.64
12	3047 - Electronics Circuits Lab	57	51	36	63.16
13	5001 - Industrial Management & Safety	44	39	25	56.82
14	5042 - Industrial Electronics & PLC	44	41	24	54.55
15	3042 - Digital Electronics	57	54	28	49.12
16	1004 - ENGINEERING CHEMISTRY-1	59	58	27	45.76
17	5045 - Optical Fibre Communication	44	40	20	45.45
18	3043 - Electrical Technology	57	54	23	40.35
19	1003 - ENGINEERING PHYSICS-1	59	58	21	35.59
20	1002 - ENGINEERING MATHEMATICS-1	59	57	18	30.51
21	3044 - Electronic Devices & Circuits	57	54	16	28.07
22	3041 - Communication Engineering	57	52	9	15.79

### Polymer Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
2	5098 - Latex Products Lab	44	44	43	97.73
3	5099 - Composite Lab	44	43	43	97.73
4	3097 - Rubber Technology Lab	47	45	45	95.74
5	5097 - Polymer Machinery & CAD Lab	44	43	42	95.45
6	3099 - Compound Design Lab	47	45	44	93.62
7	1009 - HEALTH & PHYSICAL EDUCATION	61	53	53	86.89
8	1008 - COMPUTING FUNDAMENTALS	61	51	51	83.61
9	3098 - Polymer Analysis Lab	47	44	39	82.98
10	3001 - Environmental Science & Disaster Management	47	44	32	68.09
11	1001 - ENGLISH FOR COMMUNICATION-1	61	54	41	67.21

12	3094 - Technology of Elastomers	47	45	30	63.83
13	5094 - Injection Mould Design	44	42	28	63.64
14	5091 - Fibers and Composites	44	44	28	63.64
15	5001 - Industrial Management & Safety	44	42	27	61.36
16	5092 - Plastic Technology	44	44	27	61.36
17	3091 - Natural Rubber Production	47	46	24	51.06
18	1004 - ENGINEERING CHEMISTRY-1	61	53	24	39.34
19	1003 - ENGINEERING PHYSICS-1	61	54	21	34.43
20	3092 - Polymer Science	47	46	16	34.04
21	3093 - Synthetic Rubbers	47	45	16	34.04
22	1002 - ENGINEERING MATHEMATICS-1	61	54	13	21.31

### Commercial Practice

1	5009 - Industrial Training/Industrial Visit/Collaborative work	34	34	34	100
2	1009 - HEALTH & PHYSICAL EDUCATION	50	49	49	98
3	5145 - Typewriting Malayalam	34	33	33	97.06
4	5148 - Computerised Financial Accounting-I	34	33	33	97.06
5	5149 - Desktop Publishing	34	33	33	97.06
6	1008 - COMPUTING FUNDAMENTALS	50	48	48	96
7	5141 - Banking	34	32	30	88.24
8	3142 - English for Commercial Practice I	45	43	39	86.67
9	1001 - ENGLISH FOR COMMUNICATION-1	50	49	43	86
10	3143 - Mercantile Law	45	43	35	77.78
11	5142 - Cost Accounting	34	34	26	76.47
12	1141 - ACCOUNTANCY-1	50	44	38	76
13	3141 - Accountancy III	45	43	33	73.33
14	3001 - Environmental Science & Disaster Management	45	41	32	71.11
15	1143 - ECONIMICS	50	49	34	68
16	3144 - Principles of Management	45	43	30	66.67
17	1144 - SHORT HAND ENGLISH THEORY-1	50	49	33	66
18	5143 - English for Commercial Practice III	34	34	22	64.71
19	1142 - BUSINESS STUDIES	50	49	28	56
20	5144 - Shorthand English (Condensation & Theory)	34	34	16	47.06
21	3145 - Shorthand English 60 wpm	45	41	17	37.78

### 6 Government Polytechnic College, Kalamassery

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	5018 - Geotechnical Engineering Lab	46	46	46	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
3	5019 - Computer Application Lab	46	46	46	100
4	3018 - Concrete Lab	54	53	53	98.15
5	3017 - Survey Practical II	54	53	53	98.15

6	3019 - Construction Engg. Lab	54	53	53	98.15
7	1008 - COMPUTING FUNDAMENTALS	50	48	48	96
8	1009 - HEALTH & PHYSICAL EDUCATION	50	48	48	96
9	3014 - Building Planning & Drawing	54	53	51	94.44
10	1001 - ENGLISH FOR COMMUNICATION-1	50	50	46	92
11	5017 - Habitat Technology	46	46	42	91.3
12	3013 - Theory of Structures I	54	53	45	83.33
13	3001 - Environmental Science & Disaster Management	54	54	44	81.48
14	5015 - Structural Design I	46	46	37	80.43
15	5012 - Construction Management & Safety Engineering	46	46	36	78.26
16	3012 - Surveying II	54	54	42	77.78
17	1004 - ENGINEERING CHEMISTRY-1	50	50	38	76
18	5013 - Geotechnical Engineering	46	46	34	73.91
19	3011 - Construction Materials and Engineering	54	52	39	72.22
20	5014 - Quantity Surveying II	46	46	32	69.57
21	1002 - ENGINEERING MATHEMATICS-1	50	50	34	68
22	1003 - ENGINEERING PHYSICS-1	50	50	33	66

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	59	59	59	100
2	5029 - Machine Shop Practice	59	59	59	100
3	5028 - Industrial Maintenance and Servicing Laboratory	59	59	59	100
4	5027 - CADD Lab I	59	58	58	98.31
5	3027 - Workshop Practice III	58	58	56	96.55
6	1001 - ENGLISH FOR COMMUNICATION-1	52	49	49	94.23
7	3001 - Environmental Science & Disaster Management	58	58	54	93.1
8	1009 - HEALTH & PHYSICAL EDUCATION	52	48	48	92.31
9	1008 - COMPUTING FUNDAMENTALS	52	47	47	90.38
10	3028 - Electrical Technology Lab	58	58	52	89.66
11	3029 - Fluid Mechanics Lab	58	58	51	87.93
12	1004 - ENGINEERING CHEMISTRY-1	52	49	44	84.62
13	5001 - Industrial Management & Safety	59	59	49	83.05
14	5023 - Power Plant Engineering	59	59	48	81.36
15	5022 - Industrial Engineering	59	59	48	81.36
16	1003 - ENGINEERING PHYSICS-1	52	48	42	80.77
17	1002 - ENGINEERING MATHEMATICS-1	52	48	39	75
18	3024 - Machine Drawing	58	58	39	67.24
19	5021 - Design of Machine Elements	59	59	39	66.1
20	3022 - Fluid Mechanics & Pneumatics	58	58	38	65.52
21	3023 - Manufacturing Process	58	58	26	44.83
22	3021 - Electrical & Electronics Engg.	58	58	23	39.66

### **Electrical & Electronics Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
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2	1009 - HEALTH & PHYSICAL EDUCATION	50	50	50	100
3	1008 - COMPUTING FUNDAMENTALS	50	50	49	98
4	3039 - Electrical Measurements Lab	55	55	53	96.36
5	1001 - ENGLISH FOR COMMUNICATION-1	50	50	48	96
6	1004 - ENGINEERING CHEMISTRY-1	50	50	48	96
7	1003 - ENGINEERING PHYSICS-1	50	50	48	96
8	5038 - Electronics Lab	56	55	52	92.86
9	5039 - A C Machines Lab I	56	53	52	92.86
10	3038 - Mechanical Engineering Lab	55	55	51	92.73
11	3032 - Electrical Measuring Instruments	55	53	50	90.91
12	3001 - Environmental Science & Disaster Management	55	54	50	90.91
13	5001 - Industrial Management & Safety	56	54	50	89.29
14	3037 - Electrical Workshop Practice	55	54	49	89.09
15	5031 - Induction Machines	56	55	47	83.93
16	5035 - Renewable Energy Sources	56	56	47	83.93
17	1002 - ENGINEERING MATHEMATICS-1	50	50	40	80
18	3034 - Mechanical Engineering	55	54	43	78.18
19	3033 - Fundamentals of AC Systems	55	53	43	78.18
20	3031 - Analog Devices & Circuits	55	52	41	74.55
21	5032 - Power Electronics	56	53	37	66.07

### Automobile Engineering

1	5058 - Automobile Servicing Lab II	53	53	53	100
2	3058 - Petrol Engine Service Lab	49	48	48	97.96
3	5057 - CAD Lab - I	53	51	51	96.23
4	5052 - Automobile Transmission	53	53	50	94.34
5	1009 - HEALTH & PHYSICAL EDUCATION	52	49	49	94.23
6	5059 - Automobile Engineering Lab	53	51	49	92.45
7	1008 - COMPUTING FUNDAMENTALS	52	48	48	92.31
8	5054 - Special Purpose Vehicles	53	52	48	90.57
9	1001 - ENGLISH FOR COMMUNICATION-1	52	49	47	90.38
10	1004 - ENGINEERING CHEMISTRY-1	52	49	46	88.46
11	3057 - Manufacturing Lab I	49	46	42	85.71
12	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	44	83.02
13	3001 - Environmental Science & Disaster Management	49	49	40	81.63
14	1002 - ENGINEERING MATHEMATICS-1	52	49	42	80.77
15	1003 - ENGINEERING PHYSICS-1	52	49	41	78.85
16	3059 - Hydraulics Lab	49	46	36	73.47
17	5051 - Automobile Design	53	51	38	71.7
18	5001 - Industrial Management & Safety	53	49	38	71.7
19	3021 - Electrical & Electronics Engg.	49	49	35	71.43
20	3052 - Production Process of Automobile Components	49	48	31	63.27
21	3024 - Machine Drawing	49	49	31	63.27

22	3051 - Fluid Mechanics & Machinery	49	49	23	46.94
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### Chemical Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	53	53	53	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
3	1008 - COMPUTING FUNDAMENTALS	53	53	53	100
4	1001 - ENGLISH FOR COMMUNICATION-1	53	53	52	98.11
5	1004 - ENGINEERING CHEMISTRY-1	53	53	52	98.11
6	5077 - Environmental Engineering Lab	51	51	50	98.04
7	3079 - CAD Lab	55	53	53	96.36
8	3077 - Maintenance Lab	55	53	53	96.36
9	5078 - Heat Transfer Lab	51	50	49	96.08
10	5079 - Technical Analysis Lab	51	50	49	96.08
11	1003 - ENGINEERING PHYSICS-1	53	53	50	94.34
12	5072 - Organic Technology	51	51	47	92.16
13	5001 - Industrial Management & Safety	51	51	47	92.16
14	3078 - General Chemistry Lab	55	54	50	90.91
15	1002 - ENGINEERING MATHEMATICS-1	53	53	48	90.57
16	5071 - Mass Transfer Operations I	51	51	46	90.2
17	5073 - Industrial Safety	51	50	46	90.2
18	3073 - General Chemistry	55	53	49	89.09
19	3001 - Environmental Science & Disaster Management	55	53	48	87.27
20	3074 - Polymer Technology	55	54	47	85.45
21	3071 - Chemical Process Principles	55	54	47	85.45
22	3072 - Fluid Mechanics	55	54	42	76.36

### Computer Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	63	63	63	100
3	5137 - Computer Network Engineering Lab	63	63	63	100
4	1001 - ENGLISH FOR COMMUNICATION-1	62	62	61	98.39
5	3001 - Environmental Science & Disaster Management	64	63	60	93.75
6	3138 - Digital Computer Principles Lab	64	62	58	90.63
7	3133 - Digital Computer Principles	64	62	56	87.5
8	3131 - Computer Architecture	64	62	56	87.5
9	5138 - Microprocessor Lab	63	63	54	85.71
10	3139 - Database Management System Lab	64	61	54	84.38
11	3137 - Objected Oriented Programming Lab	64	62	54	84.38
12	5139 - Web Programming Lab	63	63	53	84.13
13	1004 - ENGINEERING CHEMISTRY-1	62	62	51	82.26
14	5133 - Web Programming	63	62	50	79.37
15	1008 - COMPUTING FUNDAMENTALS	62	62	48	77.42
16	3134 - Objected Oriented Programming through C++	64	61	49	76.56
17	1003 - ENGINEERING PHYSICS-1	62	62	45	72.58

18	5134 - Cloud Computing	63	61	45	71.43
19	1002 - ENGINEERING MATHEMATICS-1	62	62	44	70.97
20	3132 - Database Management System	64	61	44	68.75
21	5131 - Microprocessor and Interfacing	63	61	35	55.56
22	5132 - Project Management & Software Engineering	63	63	34	53.97

### Electronics Production Technology

### Electronics & Communication

1	1009 - HEALTH & PHYSICAL EDUCATION	64	64	64	100
2	1008 - COMPUTING FUNDAMENTALS	64	64	64	100
3	1001 - ENGLISH FOR COMMUNICATION-1	64	64	64	100
4	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
5	5209 - Digital Communication Lab	55	55	54	98.18
6	5047 - PCB & Spice Lab	55	53	53	96.36
7	5049 - Embedded System Lab	55	55	51	92.73
8	3001 - Environmental Science & Disaster Management	61	61	56	91.8
9	1004 - ENGINEERING CHEMISTRY-1	64	64	58	90.63
10	1002 - ENGINEERING MATHEMATICS-1	64	63	55	85.94
11	3048 - Digital Electronics Lab	61	58	52	85.25
12	3047 - Electronics Circuits Lab	61	60	52	85.25
13	1003 - ENGINEERING PHYSICS-1	64	64	54	84.38
14	3049 - Analogue Communication Lab	61	57	48	78.69
15	5044 - Medical Electronics	55	55	43	78.18
16	5041 - Embedded System	55	55	42	76.36
17	5001 - Industrial Management & Safety	55	54	34	61.82
18	3044 - Electronic Devices & Circuits	61	61	37	60.66
19	3041 - Communication Engineering	61	61	37	60.66
20	3042 - Digital Electronics	61	61	37	60.66
21	5201 - Digital Communication	55	55	31	56.36
22	3043 - Electrical Technology	61	59	26	42.62

### 7 Thiagarajar Polytechnic College, Alagappanagar

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	5018 - Geotechnical Engineering Lab	58	57	57	98.28
3	3019 - Construction Engg. Lab	58	58	57	98.28
4	3018 - Concrete Lab	58	58	57	98.28
5	1009 - HEALTH & PHYSICAL EDUCATION	62	59	59	95.16
6	5019 - Computer Application Lab	58	57	55	94.83
7	3017 - Survey Practical II	58	57	55	94.83
8	3011 - Construction Materials and Engineering	58	58	55	94.83

9	3001 - Environmental Science & Disaster Management	58	58	54	93.1
10	3013 - Theory of Structures I	58	58	54	93.1
11	5017 - Habitat Technology	58	56	54	93.1
12	1004 - ENGINEERING CHEMISTRY-1	62	59	57	91.94
13	3014 - Building Planning & Drawing	58	58	53	91.38
14	1001 - ENGLISH FOR COMMUNICATION-1	62	58	56	90.32
15	1008 - COMPUTING FUNDAMENTALS	62	59	56	90.32
16	1003 - ENGINEERING PHYSICS-1	62	59	54	87.1
17	1002 - ENGINEERING MATHEMATICS-1	62	59	54	87.1
18	5012 - Construction Management & Safety Engineering	58	57	50	86.21
19	5015 - Structural Design I	58	56	47	81.03
20	3012 - Surveying II	58	58	46	79.31
21	5013 - Geotechnical Engineering	58	57	44	75.86
22	5014 - Quantity Surveying II	58	56	43	74.14

### **Mechanical Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
2	5027 - CADD Lab I	61	61	61	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	61	61	61	100
4	1004 - ENGINEERING CHEMISTRY-1	63	63	62	98.41
5	5028 - Industrial Maintenance and Servicing Laboratory	61	60	60	98.36
6	1008 - COMPUTING FUNDAMENTALS	63	62	61	96.83
7	1003 - ENGINEERING PHYSICS-1	63	63	61	96.83
8	1001 - ENGLISH FOR COMMUNICATION-1	63	61	59	93.65
9	1002 - ENGINEERING MATHEMATICS-1	63	63	59	93.65
10	3027 - Workshop Practice III	60	56	56	93.33
11	5029 - Machine Shop Practice	61	59	56	91.8
12	5001 - Industrial Management & Safety	61	60	56	91.8
13	5023 - Power Plant Engineering	61	60	55	90.16
14	3024 - Machine Drawing	60	56	54	90
15	5021 - Design of Machine Elements	61	60	54	88.52
16	3029 - Fluid Mechanics Lab	60	56	49	81.67
17	3028 - Electrical Technology Lab	60	54	49	81.67
18	3023 - Manufacturing Process	60	57	47	78.33
19	5022 - Industrial Engineering	61	60	47	77.05
20	3021 - Electrical & Electronics Engg.	60	56	46	76.67
21	3001 - Environmental Science & Disaster Management	60	56	45	75
22	3022 - Fluid Mechanics & Pneumatics	60	57	43	71.67

### **Electrical & Electronics Engineering**

1	5038 - Electronics Lab	60	60	60	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	60	60	60	100
3	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
4	5039 - A C Machines Lab I	60	60	59	98.33

5	5035 - Renewable Energy Sources	60	60	58	96.67
6	1008 - COMPUTING FUNDAMENTALS	62	61	59	95.16
7	1001 - ENGLISH FOR COMMUNICATION-1	62	60	58	93.55
8	5031 - Induction Machines	60	60	56	93.33
9	1004 - ENGINEERING CHEMISTRY-1	62	61	57	91.94
10	5001 - Industrial Management & Safety	60	60	55	91.67
11	3039 - Electrical Measurements Lab	58	57	53	91.38
12	3001 - Environmental Science & Disaster Management	58	57	53	91.38
13	3037 - Electrical Workshop Practice	58	56	52	89.66
14	5032 - Power Electronics	60	60	53	88.33
15	3032 - Electrical Measuring Instruments	58	57	51	87.93
16	3038 - Mechanical Engineering Lab	58	57	51	87.93
17	1002 - ENGINEERING MATHEMATICS-1	62	61	52	83.87
18	3034 - Mechanical Engineering	58	56	48	82.76
19	1003 - ENGINEERING PHYSICS-1	62	61	51	82.26
20	3033 - Fundamentals of AC Systems	58	57	46	79.31
21	3031 - Analog Devices & Circuits	58	54	42	72.41

**8 Sree Rama Government Polytechnic College, Tripprayar**

Subject	Registered	Appeared	Passed	Pass %
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**Civil Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	64	64	64	100
2	3019 - Construction Engg. Lab	64	64	64	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	59	59	59	100
4	5018 - Geotechnical Engineering Lab	59	58	58	98.31
5	3018 - Concrete Lab	64	64	62	96.88
6	3001 - Environmental Science & Disaster Management	64	64	62	96.88
7	3014 - Building Planning & Drawing	64	64	62	96.88
8	5019 - Computer Application Lab	59	57	56	94.92
9	5011 - Building Maintenance & Services	59	58	56	94.92
10	1001 - ENGLISH FOR COMMUNICATION-1	64	64	60	93.75
11	3017 - Survey Practical II	64	64	60	93.75
12	5012 - Construction Management & Safety Engineering	59	59	54	91.53
13	5015 - Structural Design I	59	59	50	84.75
14	3011 - Construction Materials and Engineering	64	62	53	82.81
15	5013 - Geotechnical Engineering	59	58	48	81.36
16	1004 - ENGINEERING CHEMISTRY-1	64	64	52	81.25
17	3012 - Surveying II	64	64	51	79.69
18	1002 - ENGINEERING MATHEMATICS-1	64	64	49	76.56
19	1003 - ENGINEERING PHYSICS-1	64	64	48	75
20	3013 - Theory of Structures I	64	64	46	71.88
21	1008 - COMPUTING FUNDAMENTALS	64	64	45	70.31
22	5014 - Quantity Surveying II	59	58	38	64.41

## Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	5027 - CADD Lab I	58	58	57	98.28
3	5029 - Machine Shop Practice	58	58	56	96.55
4	5028 - Industrial Maintenance and Servicing Laboratory	58	57	56	96.55
5	1009 - HEALTH & PHYSICAL EDUCATION	66	63	63	95.45
6	5023 - Power Plant Engineering	58	58	55	94.83
7	1001 - ENGLISH FOR COMMUNICATION-1	66	61	59	89.39
8	3029 - Fluid Mechanics Lab	62	60	54	87.1
9	3027 - Workshop Practice III	62	60	54	87.1
10	3001 - Environmental Science & Disaster Management	62	59	54	87.1
11	1004 - ENGINEERING CHEMISTRY-1	66	63	57	86.36
12	3024 - Machine Drawing	62	59	53	85.48
13	5001 - Industrial Management & Safety	58	58	49	84.48
14	5021 - Design of Machine Elements	58	58	49	84.48
15	5022 - Industrial Engineering	58	58	48	82.76
16	3028 - Electrical Technology Lab	62	58	50	80.65
17	1003 - ENGINEERING PHYSICS-1	66	63	53	80.3
18	1002 - ENGINEERING MATHEMATICS-1	66	63	52	78.79
19	1008 - COMPUTING FUNDAMENTALS	66	62	49	74.24
20	3021 - Electrical & Electronics Engg.	62	60	44	70.97
21	3022 - Fluid Mechanics & Pneumatics	62	60	41	66.13
22	3023 - Manufacturing Process	62	59	38	61.29

## Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
2	1009 - HEALTH & PHYSICAL EDUCATION	66	65	65	98.48
3	3032 - Electrical Measuring Instruments	58	58	56	96.55
4	1001 - ENGLISH FOR COMMUNICATION-1	66	65	60	90.91
5	3033 - Fundamentals of AC Systems	58	58	52	89.66
6	3034 - Mechanical Engineering	58	58	52	89.66
7	5031 - Induction Machines	56	55	49	87.5
8	5038 - Electronics Lab	56	54	48	85.71
9	1004 - ENGINEERING CHEMISTRY-1	66	65	56	84.85
10	3039 - Electrical Measurements Lab	58	57	49	84.48
11	3031 - Analog Devices & Circuits	58	58	48	82.76
12	5039 - A C Machines Lab I	56	54	46	82.14
13	5001 - Industrial Management & Safety	56	55	46	82.14
14	5035 - Renewable Energy Sources	56	55	45	80.36
15	3038 - Mechanical Engineering Lab	58	56	46	79.31
16	1002 - ENGINEERING MATHEMATICS-1	66	65	52	78.79
17	1003 - ENGINEERING PHYSICS-1	66	65	51	77.27
18	3001 - Environmental Science & Disaster Management	58	58	44	75.86

19	3037 - Electrical Workshop Practice	58	57	42	72.41
20	5032 - Power Electronics	56	55	40	71.43
21	1008 - COMPUTING FUNDAMENTALS	66	65	43	65.15

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	5047 - PCB & Spice Lab	55	54	54	98.18
3	1009 - HEALTH & PHYSICAL EDUCATION	68	66	64	94.12
4	3001 - Environmental Science & Disaster Management	53	51	45	84.91
5	1001 - ENGLISH FOR COMMUNICATION-1	68	64	57	83.82
6	1008 - COMPUTING FUNDAMENTALS	68	65	55	80.88
7	5048 - Industrial Electronics & PLC Lab	55	52	44	80
8	3042 - Digital Electronics	53	52	41	77.36
9	1004 - ENGINEERING CHEMISTRY-1	68	66	51	75
10	5045 - Optical Fibre Communication	55	55	41	74.55
11	1003 - ENGINEERING PHYSICS-1	68	66	50	73.53
12	1002 - ENGINEERING MATHEMATICS-1	68	66	49	72.06
13	5042 - Industrial Electronics & PLC	55	50	37	67.27
14	3047 - Electronics Circuits Lab	53	48	35	66.04
15	3048 - Digital Electronics Lab	53	48	35	66.04
16	3044 - Electronic Devices & Circuits	53	50	32	60.38
17	3049 - Analogue Communication Lab	53	40	32	60.38
18	5049 - Embedded System Lab	55	49	31	56.36
19	3041 - Communication Engineering	53	50	29	54.72
20	3043 - Electrical Technology	53	52	28	52.83
21	5001 - Industrial Management & Safety	55	51	28	50.91
22	5041 - Embedded System	55	50	27	49.09

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
2	1009 - HEALTH & PHYSICAL EDUCATION	67	65	65	97.01
3	1001 - ENGLISH FOR COMMUNICATION-1	67	65	58	86.57
4	1008 - COMPUTING FUNDAMENTALS	67	65	58	86.57
5	5137 - Computer Network Engineering Lab	56	54	48	85.71
6	1004 - ENGINEERING CHEMISTRY-1	67	65	55	82.09
7	5138 - Microprocessor Lab	56	48	45	80.36
8	1003 - ENGINEERING PHYSICS-1	67	65	52	77.61
9	3001 - Environmental Science & Disaster Management	60	50	46	76.67
10	5132 - Project Management & Software Engineering	56	51	42	75
11	3133 - Digital Computer Principles	60	59	45	75
12	5131 - Microprocessor and Interfacing	56	50	41	73.21
13	1002 - ENGINEERING MATHEMATICS-1	67	65	49	73.13
14	3134 - Objected Oriented Programming through C++	60	57	43	71.67
15	3138 - Digital Computer Principles Lab	60	49	42	70

16	3131 - Computer Architecture	60	58	40	66.67
17	5134 - Cloud Computing	56	53	37	66.07
18	5133 - Web Programming	56	53	35	62.5
19	3132 - Database Management System	60	58	37	61.67
20	5139 - Web Programming Lab	56	48	32	57.14
21	3137 - Objected Oriented Programming Lab	60	54	33	55
22	3139 - Database Management System Lab	60	54	32	53.33

#### 9 Maharaja's Technological Institute, Thrissur

	Subject	Registered	Appeared	Passed	Pass %
<b>Civil Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	59	59	59	100
2	3018 - Concrete Lab	62	62	62	100
3	5018 - Geotechnical Engineering Lab	59	59	59	100
4	5019 - Computer Application Lab	59	59	59	100
5	3019 - Construction Engg. Lab	62	62	61	98.39
6	5011 - Building Maintenance & Services	59	59	58	98.31
7	3017 - Survey Practical II	62	62	60	96.77
8	1009 - HEALTH & PHYSICAL EDUCATION	61	58	58	95.08
9	3014 - Building Planning & Drawing	62	61	56	90.32
10	5012 - Construction Management & Safety Engineering	59	59	53	89.83
11	1008 - COMPUTING FUNDAMENTALS	61	57	54	88.52
12	1001 - ENGLISH FOR COMMUNICATION-1	61	56	54	88.52
13	5013 - Geotechnical Engineering	59	59	51	86.44
14	3001 - Environmental Science & Disaster Management	62	61	53	85.48
15	3011 - Construction Materials and Engineering	62	61	52	83.87
16	1002 - ENGINEERING MATHEMATICS-1	61	59	51	83.61
17	1004 - ENGINEERING CHEMISTRY-1	61	59	51	83.61
18	1003 - ENGINEERING PHYSICS-1	61	59	50	81.97
19	3012 - Surveying II	62	62	48	77.42
20	3013 - Theory of Structures I	62	62	47	75.81
21	5014 - Quantity Surveying II	59	59	43	72.88
22	5015 - Structural Design I	59	59	42	71.19

#### Mechanical Engineering

1	1008 - COMPUTING FUNDAMENTALS	63	63	63	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
3	5028 - Industrial Maintenance and Servicing Laboratory	58	58	58	100
4	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
5	3027 - Workshop Practice III	60	59	59	98.33
6	1001 - ENGLISH FOR COMMUNICATION-1	63	63	61	96.83
7	5029 - Machine Shop Practice	58	56	56	96.55
8	1004 - ENGINEERING CHEMISTRY-1	63	63	59	93.65



9	3024 - Machine Drawing	60	60	55	91.67
10	5027 - CADD Lab I	58	55	53	91.38
11	3029 - Fluid Mechanics Lab	60	60	54	90
12	5001 - Industrial Management & Safety	58	57	52	89.66
13	5023 - Power Plant Engineering	58	58	52	89.66
14	5021 - Design of Machine Elements	58	57	51	87.93
15	5022 - Industrial Engineering	58	57	51	87.93
16	1002 - ENGINEERING MATHEMATICS-1	63	63	55	87.3
17	3001 - Environmental Science & Disaster Management	60	58	49	81.67
18	1003 - ENGINEERING PHYSICS-1	63	63	50	79.37
19	3028 - Electrical Technology Lab	60	60	47	78.33
20	3023 - Manufacturing Process	60	59	44	73.33
21	3022 - Fluid Mechanics & Pneumatics	60	59	43	71.67
22	3021 - Electrical & Electronics Engg.	60	59	38	63.33

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	61	61	61	100
2	1009 - HEALTH & PHYSICAL EDUCATION	64	64	64	100
3	1001 - ENGLISH FOR COMMUNICATION-1	64	63	62	96.88
4	1008 - COMPUTING FUNDAMENTALS	64	62	61	95.31
5	3001 - Environmental Science & Disaster Management	60	58	57	95
6	1004 - ENGINEERING CHEMISTRY-1	64	64	58	90.63
7	1002 - ENGINEERING MATHEMATICS-1	64	64	55	85.94
8	3038 - Mechanical Engineering Lab	60	56	51	85
9	5038 - Electronics Lab	61	58	51	83.61
10	5035 - Renewable Energy Sources	61	60	51	83.61
11	3039 - Electrical Measurements Lab	60	57	50	83.33
12	5001 - Industrial Management & Safety	61	58	49	80.33
13	5039 - A C Machines Lab I	61	57	49	80.33
14	5031 - Induction Machines	61	58	49	80.33
15	1003 - ENGINEERING PHYSICS-1	64	63	51	79.69
16	3032 - Electrical Measuring Instruments	60	58	45	75
17	3033 - Fundamentals of AC Systems	60	58	42	70
18	3037 - Electrical Workshop Practice	60	58	42	70
19	3034 - Mechanical Engineering	60	57	40	66.67
20	5032 - Power Electronics	61	58	38	62.3
21	3031 - Analog Devices & Circuits	60	58	37	61.67
22	5033 - Advanced Electrical Measurements & Instrumentation	1	0	0	0

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	60	60	60	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
3	1008 - COMPUTING FUNDAMENTALS	60	57	57	95
4	3048 - Digital Electronics Lab	57	55	52	91.23

5	3001 - Environmental Science & Disaster Management	57	55	50	87.72
6	5047 - PCB & Spice Lab	60	59	52	86.67
7	5048 - Industrial Electronics & PLC Lab	60	59	52	86.67
8	3042 - Digital Electronics	57	55	49	85.96
9	5042 - Industrial Electronics & PLC	60	58	51	85
10	1001 - ENGLISH FOR COMMUNICATION-1	60	59	50	83.33
11	3047 - Electronics Circuits Lab	57	54	46	80.7
12	1004 - ENGINEERING CHEMISTRY-1	60	59	48	80
13	1002 - ENGINEERING MATHEMATICS-1	60	59	46	76.67
14	1003 - ENGINEERING PHYSICS-1	60	59	42	70
15	3049 - Analogue Communication Lab	57	53	39	68.42
16	5001 - Industrial Management & Safety	60	57	40	66.67
17	5041 - Embedded System	60	59	39	65
18	3044 - Electronic Devices & Circuits	57	55	34	59.65
19	5045 - Optical Fibre Communication	60	59	34	56.67
20	5049 - Embedded System Lab	60	56	31	51.67
21	3043 - Electrical Technology	57	55	27	47.37
22	3041 - Communication Engineering	57	54	26	45.61

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	5137 - Computer Network Engineering Lab	55	53	52	94.55
3	1009 - HEALTH & PHYSICAL EDUCATION	62	57	57	91.94
4	3138 - Digital Computer Principles Lab	60	56	55	91.67
5	5134 - Cloud Computing	55	55	50	90.91
6	3132 - Database Management System	60	58	54	90
7	5133 - Web Programming	55	55	49	89.09
8	3134 - Objected Oriented Programming through C++	60	57	53	88.33
9	1001 - ENGLISH FOR COMMUNICATION-1	62	56	54	87.1
10	1008 - COMPUTING FUNDAMENTALS	62	56	52	83.87
11	5131 - Microprocessor and Interfacing	55	55	45	81.82
12	1003 - ENGINEERING PHYSICS-1	62	57	50	80.65
13	1004 - ENGINEERING CHEMISTRY-1	62	55	50	80.65
14	3001 - Environmental Science & Disaster Management	60	57	46	76.67
15	3137 - Objected Oriented Programming Lab	60	55	45	75
16	3139 - Database Management System Lab	60	54	44	73.33
17	3131 - Computer Architecture	60	57	44	73.33
18	3133 - Digital Computer Principles	60	57	40	66.67
19	5139 - Web Programming Lab	55	48	36	65.45
20	1002 - ENGINEERING MATHEMATICS-1	62	56	38	61.29
21	5132 - Project Management & Software Engineering	55	55	33	60
22	5138 - Microprocessor Lab	55	45	28	50.91

	Subject	Registered	Appeared	Passed	Pass %
<b>Civil Engineering</b>					
1	1009 - HEALTH & PHYSICAL EDUCATION	61	61	61	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
3	5018 - Geotechnical Engineering Lab	49	49	49	100
4	1008 - COMPUTING FUNDAMENTALS	61	61	60	98.36
5	3018 - Concrete Lab	55	53	53	96.36
6	3017 - Survey Practical II	55	52	52	94.55
7	3014 - Building Planning & Drawing	55	53	52	94.55
8	5013 - Geotechnical Engineering	49	49	45	91.84
9	5019 - Computer Application Lab	49	49	45	91.84
10	1001 - ENGLISH FOR COMMUNICATION-1	61	60	55	90.16
11	5012 - Construction Management & Safety Engineering	49	48	44	89.8
12	3011 - Construction Materials and Engineering	55	51	49	89.09
13	3001 - Environmental Science & Disaster Management	55	52	49	89.09
14	5014 - Quantity Surveying II	49	49	42	85.71
15	5016 - Cost Effective Construction & Green Building	49	49	42	85.71
16	3013 - Theory of Structures I	55	51	47	85.45
17	1004 - ENGINEERING CHEMISTRY-1	61	60	52	85.25
18	3019 - Construction Engg. Lab	55	53	46	83.64
19	1002 - ENGINEERING MATHEMATICS-1	61	61	51	83.61
20	1003 - ENGINEERING PHYSICS-1	61	61	50	81.97
21	5015 - Structural Design I	49	49	33	67.35
22	3012 - Surveying II	55	53	37	67.27
<b>Civil Engineering (Evening)</b>					
1	2009 - Life Skill	34	33	33	97.06
2	2019 - Survey Practical I	34	34	33	97.06
3	2008 - Workshop Practice	34	32	32	94.12
4	2007 - Engineering Science Lab II	34	32	32	94.12
5	2005 - Engineering Graphics	34	34	28	82.35
6	2001 - English for Communication II	34	34	28	82.35
7	2003 - Engineering Physics II	34	34	24	70.59
8	2004 - Engineering Chemistry II	34	31	22	64.71
9	2011 - Surveying I	34	34	21	61.76
10	2002 - Engineering Mathematics II	34	33	18	52.94
<b>Mechanical Engineering</b>					
1	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
2	5027 - CADD Lab I	47	47	47	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
4	1008 - COMPUTING FUNDAMENTALS	62	62	62	100
5	5028 - Industrial Maintenance and Servicing Laboratory	47	47	47	100

6	3028 - Electrical Technology Lab	50	48	48	96
7	5029 - Machine Shop Practice	47	46	45	95.74
8	3027 - Workshop Practice III	50	47	47	94
9	1002 - ENGINEERING MATHEMATICS-1	62	62	57	91.94
10	1001 - ENGLISH FOR COMMUNICATION-1	62	62	57	91.94
11	5022 - Industrial Engineering	47	47	43	91.49
12	5023 - Power Plant Engineering	47	47	43	91.49
13	1004 - ENGINEERING CHEMISTRY-1	62	62	56	90.32
14	3001 - Environmental Science & Disaster Management	50	48	45	90
15	5001 - Industrial Management & Safety	47	47	42	89.36
16	1003 - ENGINEERING PHYSICS-1	62	62	55	88.71
17	5021 - Design of Machine Elements	47	47	41	87.23
18	3024 - Machine Drawing	50	47	41	82
19	3029 - Fluid Mechanics Lab	50	42	41	82
20	3023 - Manufacturing Process	50	48	39	78
21	3021 - Electrical & Electronics Engg.	50	48	38	76
22	3022 - Fluid Mechanics & Pneumatics	50	47	37	74

### Mechanical Engineering (Evening)

1	2009 - Life Skill	34	34	34	100
2	2007 - Engineering Science Lab II	34	33	33	97.06
3	2029 - Basic Mechanical Engineering Lab	34	33	31	91.18
4	2008 - Workshop Practice	34	31	31	91.18
5	2021 - Basic Mechanical Engineering	34	33	26	76.47
6	2001 - English for Communication II	34	33	26	76.47
7	2005 - Engineering Graphics	34	33	23	67.65
8	2004 - Engineering Chemistry II	34	33	19	55.88
9	2002 - Engineering Mathematics II	34	33	18	52.94
10	2003 - Engineering Physics II	34	33	18	52.94

### Electronics

1	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	57	57	57	100
3	1008 - COMPUTING FUNDAMENTALS	63	63	63	100
4	1001 - ENGLISH FOR COMMUNICATION-1	63	63	61	96.83
5	3047 - Electronics Circuits Lab	56	55	54	96.43
6	3049 - Analogue Communication Lab	56	55	52	92.86
7	3048 - Digital Electronics Lab	56	55	51	91.07
8	3001 - Environmental Science & Disaster Management	56	56	51	91.07
9	1004 - ENGINEERING CHEMISTRY-1	63	63	56	88.89
10	1003 - ENGINEERING PHYSICS-1	63	63	56	88.89
11	5049 - Embedded System Lab	57	52	49	85.96
12	5048 - Industrial Electronics & PLC Lab	57	49	47	82.46
13	1002 - ENGINEERING MATHEMATICS-1	63	63	50	79.37

14	3042 - Digital Electronics	56	56	44	78.57
15	5041 - Embedded System	57	53	44	77.19
16	5001 - Industrial Management & Safety	57	54	44	77.19
17	5047 - PCB & Spice Lab	57	51	43	75.44
18	5044 - Medical Electronics	57	53	43	75.44
19	5042 - Industrial Electronics & PLC	57	53	43	75.44
20	3041 - Communication Engineering	56	56	41	73.21
21	3043 - Electrical Technology	56	56	38	67.86
22	3044 - Electronic Devices & Circuits	56	56	30	53.57

### Instrument Technology

1	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	42	42	42	100
3	1001 - ENGLISH FOR COMMUNICATION-1	63	63	63	100
4	1008 - COMPUTING FUNDAMENTALS	63	63	62	98.41
5	3219 - Analog Circuits Lab	57	57	55	96.49
6	5218 - Industrial Instruments Lab	42	40	40	95.24
7	3218 - Transducers and Measurements Lab	57	56	54	94.74
8	3217 - Digital Circuits Lab	57	57	53	92.98
9	5212 - Process Control	42	41	39	92.86
10	5219 - Calibration and Simulation Lab	42	40	39	92.86
11	3001 - Environmental Science & Disaster Management	57	56	52	91.23
12	5211 - Industrial Instruments II	42	41	38	90.48
13	1004 - ENGINEERING CHEMISTRY-1	63	63	57	90.48
14	5217 - Process Control Lab	42	40	37	88.1
15	1002 - ENGINEERING MATHEMATICS-1	63	63	55	87.3
16	1003 - ENGINEERING PHYSICS-1	63	63	55	87.3
17	3214 - Instrument Transducers	57	57	49	85.96
18	3212 - Digital Circuits	57	57	48	84.21
19	3213 - Electrical & Electronic Instruments	57	57	48	84.21
20	5214 - Optical Instrumentation	42	41	33	78.57
21	5001 - Industrial Management & Safety	42	41	32	76.19
22	3211 - Analog Circuits	57	54	37	64.91

### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	1009 - HEALTH & PHYSICAL EDUCATION	59	56	56	94.92
3	3159 - Database and SQL Lab	49	47	45	91.84
4	3137 - Objected Oriented Programming Lab	49	46	45	91.84
5	5138 - Microprocessor Lab	47	45	43	91.49
6	5137 - Computer Network Engineering Lab	47	45	42	89.36
7	3134 - Objected Oriented Programming through C++	49	48	40	81.63
8	3133 - Digital Computer Principles	49	47	40	81.63
9	1008 - COMPUTING FUNDAMENTALS	59	56	48	81.36

10	5152 - Network Programming	47	44	38	80.85
11	1001 - ENGLISH FOR COMMUNICATION-1	59	51	47	79.66
12	3138 - Digital Computer Principles Lab	49	47	39	79.59
13	5151 - Computer Networks	47	43	37	78.72
14	3131 - Computer Architecture	49	46	37	75.51
15	1004 - ENGINEERING CHEMISTRY-1	59	56	44	74.58
16	5134 - Cloud Computing	47	47	35	74.47
17	3001 - Environmental Science & Disaster Management	49	44	36	73.47
18	1003 - ENGINEERING PHYSICS-1	59	56	43	72.88
19	5159 - Network Programming Lab	47	45	34	72.34
20	1002 - ENGINEERING MATHEMATICS-1	59	56	40	67.8
21	5132 - Project Management & Software Engineering	47	45	31	65.96
22	3151 - Data Communication	49	48	30	61.22

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
2	1008 - COMPUTING FUNDAMENTALS	62	61	61	98.39
3	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
4	3039 - Electrical Measurements Lab	58	57	57	98.28
5	3038 - Mechanical Engineering Lab	58	57	55	94.83
6	1001 - ENGLISH FOR COMMUNICATION-1	62	60	58	93.55
7	3037 - Electrical Workshop Practice	58	57	54	93.1
8	5038 - Electronics Lab	48	44	44	91.67
9	5039 - A C Machines Lab I	48	44	44	91.67
10	3001 - Environmental Science & Disaster Management	58	55	53	91.38
11	1004 - ENGINEERING CHEMISTRY-1	62	61	56	90.32
12	3032 - Electrical Measuring Instruments	58	57	52	89.66
13	1003 - ENGINEERING PHYSICS-1	62	61	54	87.1
14	3033 - Fundamentals of AC Systems	58	57	50	86.21
15	5032 - Power Electronics	48	46	41	85.42
16	5031 - Induction Machines	48	46	41	85.42
17	5035 - Renewable Energy Sources	48	47	40	83.33
18	1002 - ENGINEERING MATHEMATICS-1	62	61	51	82.26
19	3034 - Mechanical Engineering	58	57	46	79.31
20	3031 - Analog Devices & Circuits	58	55	46	79.31
21	5001 - Industrial Management & Safety	48	47	38	79.17

### 11 Government Polytechnic College, Perinthalmanna

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	59	59	59	100
3	5019 - Computer Application Lab	59	59	59	100

4	1008 - COMPUTING FUNDAMENTALS	63	63	61	96.83
5	1004 - ENGINEERING CHEMISTRY-1	63	63	61	96.83
6	3019 - Construction Engg. Lab	62	61	60	96.77
7	3017 - Survey Practical II	62	61	60	96.77
8	5018 - Geotechnical Engineering Lab	59	59	57	96.61
9	1001 - ENGLISH FOR COMMUNICATION-1	63	63	60	95.24
10	3018 - Concrete Lab	62	61	59	95.16
11	3001 - Environmental Science & Disaster Management	62	61	57	91.94
12	5012 - Construction Management & Safety Engineering	59	59	54	91.53
13	5013 - Geotechnical Engineering	59	59	54	91.53
14	5017 - Habitat Technology	59	59	52	88.14
15	5014 - Quantity Surveying II	59	57	52	88.14
16	1003 - ENGINEERING PHYSICS-1	63	63	55	87.3
17	3014 - Building Planning & Drawing	62	62	54	87.1
18	3011 - Construction Materials and Engineering	62	62	49	79.03
19	3013 - Theory of Structures I	62	62	48	77.42
20	1002 - ENGINEERING MATHEMATICS-1	63	63	47	74.6
21	3012 - Surveying II	62	61	46	74.19
22	5015 - Structural Design I	59	59	41	69.49

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
3	5028 - Industrial Maintenance and Servicing Laboratory	55	54	54	98.18
4	1008 - COMPUTING FUNDAMENTALS	63	62	61	96.83
5	3024 - Machine Drawing	61	61	59	96.72
6	5029 - Machine Shop Practice	55	54	53	96.36
7	5027 - CADD Lab I	55	54	52	94.55
8	1001 - ENGLISH FOR COMMUNICATION-1	63	62	58	92.06
9	3028 - Electrical Technology Lab	61	60	56	91.8
10	1004 - ENGINEERING CHEMISTRY-1	63	62	57	90.48
11	3027 - Workshop Practice III	61	55	55	90.16
12	1003 - ENGINEERING PHYSICS-1	63	62	56	88.89
13	3029 - Fluid Mechanics Lab	61	60	53	86.89
14	3022 - Fluid Mechanics & Pneumatics	61	60	53	86.89
15	3001 - Environmental Science & Disaster Management	61	59	51	83.61
16	5023 - Power Plant Engineering	55	54	43	78.18
17	5001 - Industrial Management & Safety	55	54	43	78.18
18	1002 - ENGINEERING MATHEMATICS-1	63	62	48	76.19
19	3021 - Electrical & Electronics Engg.	61	61	45	73.77
20	5022 - Industrial Engineering	55	53	35	63.64
21	3023 - Manufacturing Process	61	61	36	59.02
22	5021 - Design of Machine Elements	55	53	32	58.18

## Electrical & Electronics Engineering

1	5038 - Electronics Lab	55	55	55	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
3	5039 - A C Machines Lab I	55	55	55	100
4	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
5	1001 - ENGLISH FOR COMMUNICATION-1	63	63	62	98.41
6	1008 - COMPUTING FUNDAMENTALS	63	62	62	98.41
7	3037 - Electrical Workshop Practice	62	61	61	98.39
8	1004 - ENGINEERING CHEMISTRY-1	63	63	61	96.83
9	3039 - Electrical Measurements Lab	62	61	59	95.16
10	5001 - Industrial Management & Safety	55	55	49	89.09
11	1003 - ENGINEERING PHYSICS-1	63	63	56	88.89
12	3038 - Mechanical Engineering Lab	62	61	55	88.71
13	3001 - Environmental Science & Disaster Management	62	61	55	88.71
14	5031 - Induction Machines	55	54	48	87.27
15	5035 - Renewable Energy Sources	55	55	47	85.45
16	3031 - Analog Devices & Circuits	62	60	52	83.87
17	3033 - Fundamentals of AC Systems	62	61	51	82.26
18	1002 - ENGINEERING MATHEMATICS-1	63	63	50	79.37
19	3034 - Mechanical Engineering	62	60	48	77.42
20	3032 - Electrical Measuring Instruments	62	61	46	74.19
21	5032 - Power Electronics	55	55	39	70.91

## Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	54	54	54	100
2	5048 - Industrial Electronics & PLC Lab	54	54	54	100
3	1008 - COMPUTING FUNDAMENTALS	63	62	62	98.41
4	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
5	5047 - PCB & Spice Lab	54	54	53	98.15
6	5049 - Embedded System Lab	54	53	53	98.15
7	1001 - ENGLISH FOR COMMUNICATION-1	63	62	59	93.65
8	1004 - ENGINEERING CHEMISTRY-1	63	62	56	88.89
9	3047 - Electronics Circuits Lab	60	58	53	88.33
10	5041 - Embedded System	54	52	47	87.04
11	5042 - Industrial Electronics & PLC	54	51	46	85.19
12	3049 - Analogue Communication Lab	60	57	51	85
13	5044 - Medical Electronics	54	52	45	83.33
14	5001 - Industrial Management & Safety	54	54	44	81.48
15	3048 - Digital Electronics Lab	60	57	48	80
16	3001 - Environmental Science & Disaster Management	60	60	47	78.33
17	1003 - ENGINEERING PHYSICS-1	63	62	49	77.78
18	3043 - Electrical Technology	60	59	43	71.67
19	3042 - Digital Electronics	60	60	43	71.67



20	1002 - ENGINEERING MATHEMATICS-1	63	61	45	71.43
21	3041 - Communication Engineering	60	58	32	53.33
22	3044 - Electronic Devices & Circuits	60	59	28	46.67

**12 Seethi Sahib Memorial Polytechnic College, Tirur**

Subject	Registered	Appeared	Passed	Pass %
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**Civil Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
3	5019 - Computer Application Lab	55	55	54	98.18
4	1001 - ENGLISH FOR COMMUNICATION-1	62	62	59	95.16
5	3017 - Survey Practical II	57	55	54	94.74
6	3019 - Construction Engg. Lab	57	54	53	92.98
7	1008 - COMPUTING FUNDAMENTALS	62	61	57	91.94
8	3001 - Environmental Science & Disaster Management	57	56	52	91.23
9	3018 - Concrete Lab	57	54	52	91.23
10	5018 - Geotechnical Engineering Lab	55	52	50	90.91
11	1004 - ENGINEERING CHEMISTRY-1	62	62	56	90.32
12	5017 - Habitat Technology	55	54	49	89.09
13	5012 - Construction Management & Safety Engineering	55	50	48	87.27
14	3011 - Construction Materials and Engineering	57	53	49	85.96
15	5015 - Structural Design I	55	54	46	83.64
16	1002 - ENGINEERING MATHEMATICS-1	62	62	51	82.26
17	5013 - Geotechnical Engineering	55	54	45	81.82
18	1003 - ENGINEERING PHYSICS-1	62	62	49	79.03
19	3014 - Building Planning & Drawing	57	53	45	78.95
20	3013 - Theory of Structures I	57	54	43	75.44
21	5014 - Quantity Surveying II	55	54	41	74.55
22	3012 - Surveying II	57	53	35	61.4

**Civil Engineering (Evening)**

1	2008 - Workshop Practice	29	29	29	100
2	2007 - Engineering Science Lab II	29	29	29	100
3	2009 - Life Skill	29	29	28	96.55
4	2019 - Survey Practical I	29	29	24	82.76
5	2005 - Engineering Graphics	29	27	24	82.76
6	2011 - Surveying I	29	28	16	55.17
7	2001 - English for Communication II	29	28	16	55.17
8	2002 - Engineering Mathematics II	29	28	14	48.28
9	2003 - Engineering Physics II	29	26	11	37.93
10	2004 - Engineering Chemistry II	29	24	10	34.48

**Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
3	5027 - CADD Lab I	55	54	54	98.18
4	5028 - Industrial Maintenance and Servicing Laboratory	55	54	54	98.18
5	5029 - Machine Shop Practice	55	54	54	98.18
6	3027 - Workshop Practice III	59	58	56	94.92
7	3024 - Machine Drawing	59	58	55	93.22
8	5023 - Power Plant Engineering	55	54	51	92.73
9	1001 - ENGLISH FOR COMMUNICATION-1	63	62	58	92.06
10	1004 - ENGINEERING CHEMISTRY-1	63	62	57	90.48
11	5001 - Industrial Management & Safety	55	53	49	89.09
12	3001 - Environmental Science & Disaster Management	59	58	52	88.14
13	1002 - ENGINEERING MATHEMATICS-1	63	63	55	87.3
14	5022 - Industrial Engineering	55	53	47	85.45
15	5021 - Design of Machine Elements	55	55	46	83.64
16	1008 - COMPUTING FUNDAMENTALS	63	61	52	82.54
17	1003 - ENGINEERING PHYSICS-1	63	63	49	77.78
18	3023 - Manufacturing Process	59	58	43	72.88
19	3028 - Electrical Technology Lab	59	57	42	71.19
20	3021 - Electrical & Electronics Engg.	59	58	34	57.63
21	3022 - Fluid Mechanics & Pneumatics	59	58	34	57.63
22	3029 - Fluid Mechanics Lab	59	56	33	55.93

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	54	54	54	100
2	3037 - Electrical Workshop Practice	61	60	60	98.36
3	1009 - HEALTH & PHYSICAL EDUCATION	61	59	59	96.72
4	1008 - COMPUTING FUNDAMENTALS	61	59	59	96.72
5	1001 - ENGLISH FOR COMMUNICATION-1	61	60	55	90.16
6	3001 - Environmental Science & Disaster Management	61	61	55	90.16
7	5039 - A C Machines Lab I	54	52	48	88.89
8	3039 - Electrical Measurements Lab	61	60	54	88.52
9	5038 - Electronics Lab	54	51	47	87.04
10	5035 - Renewable Energy Sources	54	51	43	79.63
11	3034 - Mechanical Engineering	61	61	48	78.69
12	1004 - ENGINEERING CHEMISTRY-1	61	60	48	78.69
13	3032 - Electrical Measuring Instruments	61	59	47	77.05
14	5032 - Power Electronics	54	54	41	75.93
15	5031 - Induction Machines	54	52	40	74.07
16	1002 - ENGINEERING MATHEMATICS-1	61	60	45	73.77
17	5001 - Industrial Management & Safety	54	50	39	72.22
18	3033 - Fundamentals of AC Systems	61	60	41	67.21
19	3038 - Mechanical Engineering Lab	61	55	41	67.21

20	1003 - ENGINEERING PHYSICS-1	61	60	40	65.57
21	3031 - Analog Devices & Circuits	61	60	32	52.46

### Electrical & Electronics Engineering (Evening)

1	2009 - Life Skill	42	41	41	97.62
2	2039 - Basic Electrical Engineering Workshop	42	41	41	97.62
3	2008 - Workshop Practice	42	40	40	95.24
4	2007 - Engineering Science Lab II	42	36	36	85.71
5	2005 - Engineering Graphics	42	41	28	66.67
6	2031 - Basic Electrical Engineering	42	42	25	59.52
7	2004 - Engineering Chemistry II	42	40	22	52.38
8	2002 - Engineering Mathematics II	42	38	20	47.62
9	2001 - English for Communication II	42	41	19	45.24
10	2003 - Engineering Physics II	42	38	10	23.81

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	5049 - Embedded System Lab	51	51	51	100
3	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
4	5048 - Industrial Electronics & PLC Lab	51	51	49	96.08
5	1008 - COMPUTING FUNDAMENTALS	62	60	58	93.55
6	5047 - PCB & Spice Lab	51	51	47	92.16
7	5042 - Industrial Electronics & PLC	51	51	45	88.24
8	3047 - Electronics Circuits Lab	58	57	50	86.21
9	1001 - ENGLISH FOR COMMUNICATION-1	62	61	51	82.26
10	3041 - Communication Engineering	58	57	47	81.03
11	5041 - Embedded System	51	50	40	78.43
12	3048 - Digital Electronics Lab	58	56	44	75.86
13	1004 - ENGINEERING CHEMISTRY-1	62	60	47	75.81
14	5001 - Industrial Management & Safety	51	51	37	72.55
15	3001 - Environmental Science & Disaster Management	58	57	42	72.41
16	1003 - ENGINEERING PHYSICS-1	62	60	44	70.97
17	3049 - Analogue Communication Lab	58	55	41	70.69
18	5045 - Optical Fibre Communication	51	51	36	70.59
19	3043 - Electrical Technology	58	56	40	68.97
20	1002 - ENGINEERING MATHEMATICS-1	62	60	42	67.74
21	3044 - Electronic Devices & Circuits	58	55	38	65.52
22	3042 - Digital Electronics	58	57	31	53.45

### Automobile Engineering

1	5058 - Automobile Servicing Lab II	58	58	58	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
3	1009 - HEALTH & PHYSICAL EDUCATION	61	59	59	96.72
4	1001 - ENGLISH FOR COMMUNICATION-1	61	60	59	96.72

5	5057 - CAD Lab - I	58	56	54	93.1
6	3058 - Petrol Engine Service Lab	52	48	48	92.31
7	1008 - COMPUTING FUNDAMENTALS	61	60	56	91.8
8	1004 - ENGINEERING CHEMISTRY-1	61	60	55	90.16
9	3059 - Hydraulics Lab	52	48	46	88.46
10	3057 - Manufacturing Lab I	52	48	46	88.46
11	3001 - Environmental Science & Disaster Management	52	47	42	80.77
12	1002 - ENGINEERING MATHEMATICS-1	61	60	46	75.41
13	3024 - Machine Drawing	52	48	38	73.08
14	1003 - ENGINEERING PHYSICS-1	61	60	44	72.13
15	3051 - Fluid Mechanics & Machinery	52	47	36	69.23
16	5051 - Automobile Design	58	55	39	67.24
17	5001 - Industrial Management & Safety	58	49	38	65.52
18	5059 - Automobile Engineering Lab	58	47	38	65.52
19	5053 - Fuels and Combustion	58	54	37	63.79
20	3052 - Production Process of Automobile Components	52	48	32	61.54
21	3021 - Electrical & Electronics Engg.	52	47	31	59.62
22	5052 - Automobile Transmission	58	56	28	48.28

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	5137 - Computer Network Engineering Lab	49	48	48	97.96
3	1009 - HEALTH & PHYSICAL EDUCATION	62	60	60	96.77
4	1001 - ENGLISH FOR COMMUNICATION-1	62	61	59	95.16
5	5131 - Microprocessor and Interfacing	49	48	46	93.88
6	5132 - Project Management & Software Engineering	49	49	46	93.88
7	1008 - COMPUTING FUNDAMENTALS	62	61	57	91.94
8	3137 - Objected Oriented Programming Lab	60	58	55	91.67
9	3138 - Digital Computer Principles Lab	60	59	55	91.67
10	1004 - ENGINEERING CHEMISTRY-1	62	62	56	90.32
11	3001 - Environmental Science & Disaster Management	60	59	54	90
12	5139 - Web Programming Lab	49	48	44	89.8
13	5138 - Microprocessor Lab	49	48	43	87.76
14	3139 - Database Management System Lab	60	58	52	86.67
15	3133 - Digital Computer Principles	60	59	52	86.67
16	1002 - ENGINEERING MATHEMATICS-1	62	62	53	85.48
17	3134 - Objected Oriented Programming through C++	60	59	48	80
18	3131 - Computer Architecture	60	59	47	78.33
19	5133 - Web Programming	49	49	38	77.55
20	5136 - Information Security	49	48	38	77.55
21	1003 - ENGINEERING PHYSICS-1	62	62	48	77.42
22	3132 - Database Management System	60	59	45	75

	Subject	Registered	Appeared	Passed	Pass %
<b>Civil Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	60	60	60	100
2	5018 - Geotechnical Engineering Lab	60	60	60	100
3	3019 - Construction Engg. Lab	63	61	61	96.83
4	3017 - Survey Practical II	63	61	61	96.83
5	3018 - Concrete Lab	63	61	61	96.83
6	1001 - ENGLISH FOR COMMUNICATION-1	59	59	56	94.92
7	5019 - Computer Application Lab	60	60	56	93.33
8	1009 - HEALTH & PHYSICAL EDUCATION	59	55	55	93.22
9	1008 - COMPUTING FUNDAMENTALS	59	54	54	91.53
10	3001 - Environmental Science & Disaster Management	63	61	57	90.48
11	1002 - ENGINEERING MATHEMATICS-1	59	59	51	86.44
12	3014 - Building Planning & Drawing	63	62	54	85.71
13	1004 - ENGINEERING CHEMISTRY-1	59	59	50	84.75
14	1003 - ENGINEERING PHYSICS-1	59	59	49	83.05
15	3013 - Theory of Structures I	63	63	50	79.37
16	3011 - Construction Materials and Engineering	63	63	50	79.37
17	5012 - Construction Management & Safety Engineering	60	59	44	73.33
18	5017 - Habitat Technology	60	58	41	68.33
19	5014 - Quantity Surveying II	60	59	41	68.33
20	5013 - Geotechnical Engineering	60	59	40	66.67
21	5015 - Structural Design I	60	58	40	66.67
22	3012 - Surveying II	63	61	40	63.49
<b>Civil Engineering (Evening)</b>					
1	2008 - Workshop Practice	43	43	43	100
2	2007 - Engineering Science Lab II	43	43	43	100
3	2009 - Life Skill	43	43	43	100
4	2019 - Survey Practical I	43	42	42	97.67
5	2001 - English for Communication II	43	42	39	90.7
6	2005 - Engineering Graphics	43	42	38	88.37
7	2004 - Engineering Chemistry II	43	43	30	69.77
8	2002 - Engineering Mathematics II	43	41	29	67.44
9	2011 - Surveying I	43	42	27	62.79
10	2003 - Engineering Physics II	43	38	20	46.51
<b>Mechanical Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
3	5029 - Machine Shop Practice	51	51	51	100
4	3029 - Fluid Mechanics Lab	62	61	61	98.39
5	3027 - Workshop Practice III	62	61	61	98.39

6	5027 - CADD Lab I	51	50	50	98.04
7	5028 - Industrial Maintenance and Servicing Laboratory	51	50	50	98.04
8	1001 - ENGLISH FOR COMMUNICATION-1	62	62	60	96.77
9	1004 - ENGINEERING CHEMISTRY-1	62	62	60	96.77
10	5023 - Power Plant Engineering	51	51	47	92.16
11	5001 - Industrial Management & Safety	51	51	47	92.16
12	3024 - Machine Drawing	62	61	57	91.94
13	1008 - COMPUTING FUNDAMENTALS	62	62	56	90.32
14	5022 - Industrial Engineering	51	50	45	88.24
15	3022 - Fluid Mechanics & Pneumatics	62	60	54	87.1
16	3001 - Environmental Science & Disaster Management	62	58	53	85.48
17	5021 - Design of Machine Elements	51	48	42	82.35
18	3028 - Electrical Technology Lab	62	61	51	82.26
19	1002 - ENGINEERING MATHEMATICS-1	62	62	51	82.26
20	1003 - ENGINEERING PHYSICS-1	62	62	51	82.26
21	3023 - Manufacturing Process	62	60	43	69.35
22	3021 - Electrical & Electronics Engg.	62	57	38	61.29

### **Mechanical Engineering (Evening)**

1	2029 - Basic Mechanical Engineering Lab	43	43	43	100
2	2007 - Engineering Science Lab II	43	42	42	97.67
3	2009 - Life Skill	43	42	42	97.67
4	2008 - Workshop Practice	43	40	38	88.37
5	2005 - Engineering Graphics	43	39	38	88.37
6	2001 - English for Communication II	43	41	33	76.74
7	2002 - Engineering Mathematics II	43	41	33	76.74
8	2021 - Basic Mechanical Engineering	43	42	32	74.42
9	2004 - Engineering Chemistry II	43	42	30	69.77
10	2003 - Engineering Physics II	43	37	17	39.53

### **Electrical & Electronics Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	5038 - Electronics Lab	58	58	57	98.28
3	3038 - Mechanical Engineering Lab	62	61	59	95.16
4	1009 - HEALTH & PHYSICAL EDUCATION	61	58	57	93.44
5	5001 - Industrial Management & Safety	58	58	54	93.1
6	3037 - Electrical Workshop Practice	62	60	57	91.94
7	1008 - COMPUTING FUNDAMENTALS	61	58	56	91.8
8	1001 - ENGLISH FOR COMMUNICATION-1	61	57	55	90.16
9	1004 - ENGINEERING CHEMISTRY-1	61	58	54	88.52
10	5039 - A C Machines Lab I	58	56	51	87.93
11	3039 - Electrical Measurements Lab	62	60	54	87.1
12	1003 - ENGINEERING PHYSICS-1	61	58	53	86.89
13	5031 - Induction Machines	58	58	50	86.21

14	5035 - Renewable Energy Sources	58	56	50	86.21
15	3032 - Electrical Measuring Instruments	62	61	51	82.26
16	3001 - Environmental Science & Disaster Management	62	57	51	82.26
17	3034 - Mechanical Engineering	62	62	50	80.65
18	5032 - Power Electronics	58	57	45	77.59
19	1002 - ENGINEERING MATHEMATICS-1	61	58	46	75.41
20	3033 - Fundamentals of AC Systems	62	62	46	74.19
21	3031 - Analog Devices & Circuits	62	58	40	64.52

### **Electrical & Electronics Engineering (Evening)**

### **Electrical & Electronics Engineering (Evening) (Evening)**

1	4009 - Mini Project	26	25	25	96.15
2	4036 - Industrial Electrical Engineering Lab	26	25	25	96.15
3	4039 - DC Machines Lab	26	24	24	92.31
4	2009 - Life Skill	48	44	44	91.67
5	2007 - Engineering Science Lab II	48	44	44	91.67
6	2039 - Basic Electrical Engineering Workshop	48	44	44	91.67
7	2008 - Workshop Practice	48	44	41	85.42
8	4037 - Electrical Engineering Drawing	26	24	22	84.62
9	4033 - Electrical Estimating and Costing	26	25	22	84.62
10	4038 - Electrical Computer Aided Drafting Lab	26	24	21	80.77
11	2001 - English for Communication II	48	43	38	79.17
12	4034 - Electric Power Generation, Transmission & Distribution	26	24	20	76.92
13	4031 - DC Machines	26	25	20	76.92
14	2004 - Engineering Chemistry II	48	43	34	70.83
15	2005 - Engineering Graphics	48	45	34	70.83
16	4032 - Digital Electronics & Microprocessors	26	23	17	65.38
17	2031 - Basic Electrical Engineering	48	45	30	62.5
18	2002 - Engineering Mathematics II	48	45	27	56.25
19	2003 - Engineering Physics II	48	44	24	50

### **Chemical Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	58	58	58	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
3	1008 - COMPUTING FUNDAMENTALS	58	57	57	98.28
4	5079 - Technical Analysis Lab	58	57	57	98.28
5	5077 - Environmental Engineering Lab	58	56	56	96.55
6	3077 - Maintenance Lab	56	55	54	96.43
7	5078 - Heat Transfer Lab	58	55	55	94.83
8	1001 - ENGLISH FOR COMMUNICATION-1	58	58	55	94.83
9	5073 - Industrial Safety	58	57	55	94.83
10	1003 - ENGINEERING PHYSICS-1	58	58	55	94.83
11	1004 - ENGINEERING CHEMISTRY-1	58	58	55	94.83

12	5072 - Organic Technology	58	57	55	94.83
13	3078 - General Chemistry Lab	56	55	53	94.64
14	3073 - General Chemistry	56	56	52	92.86
15	5001 - Industrial Management & Safety	58	57	53	91.38
16	5071 - Mass Transfer Operations I	58	57	53	91.38
17	3079 - CAD Lab	56	52	50	89.29
18	3001 - Environmental Science & Disaster Management	56	54	50	89.29
19	3071 - Chemical Process Principles	56	55	47	83.93
20	1002 - ENGINEERING MATHEMATICS-1	58	58	48	82.76
21	3074 - Polymer Technology	56	56	40	71.43
22	3072 - Fluid Mechanics	56	55	35	62.5

### Tool & Die Engineering

1	3117 - Workshop Practice III	57	57	57	100
2	3118 - Tool Engineering Lab II	57	57	57	100
3	5117 - Press Tool Lab	55	55	55	100
4	5119 - Moulds & Dies Drawing	55	55	55	100
5	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
6	3112 - Tool Engineering Drawing	57	57	56	98.25
7	5118 - Press Tool Drawing	55	55	54	98.18
8	1001 - ENGLISH FOR COMMUNICATION-1	62	61	59	95.16
9	5001 - Industrial Management & Safety	55	55	50	90.91
10	1008 - COMPUTING FUNDAMENTALS	62	61	56	90.32
11	3001 - Environmental Science & Disaster Management	57	56	51	89.47
12	1003 - ENGINEERING PHYSICS-1	62	61	53	85.48
13	1004 - ENGINEERING CHEMISTRY-1	62	60	50	80.65
14	3021 - Electrical & Electronics Engg.	57	57	45	78.95
15	5111 - Press Tool Technology	55	54	43	78.18
16	3119 - Metrology Lab	57	57	43	75.44
17	1002 - ENGINEERING MATHEMATICS-1	62	61	45	72.58
18	3111 - Engineering Metrology	57	57	41	71.93
19	3022 - Fluid Mechanics & Pneumatics	57	57	36	63.16
20	5113 - Plastic Moulding Technology	55	54	32	58.18
21	5022 - Industrial Engineering	55	55	32	58.18

### Computer Engineering

1	5139 - Web Programming Lab	58	58	58	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
3	1009 - HEALTH & PHYSICAL EDUCATION	74	73	73	98.65
4	1008 - COMPUTING FUNDAMENTALS	74	72	72	97.3
5	5137 - Computer Network Engineering Lab	58	58	56	96.55
6	3131 - Computer Architecture	75	75	69	92
7	3139 - Database Management System Lab	75	74	68	90.67
8	5138 - Microprocessor Lab	58	58	50	86.21



9	5132 - Project Management & Software Engineering	58	58	50	86.21
10	5134 - Cloud Computing	58	57	50	86.21
11	1001 - ENGLISH FOR COMMUNICATION-1	74	73	62	83.78
12	3133 - Digital Computer Principles	75	74	61	81.33
13	1004 - ENGINEERING CHEMISTRY-1	74	73	60	81.08
14	5131 - Microprocessor and Interfacing	58	58	47	81.03
15	3138 - Digital Computer Principles Lab	75	72	60	80
16	3132 - Database Management System	75	75	57	76
17	3001 - Environmental Science & Disaster Management	75	74	57	76
18	3137 - Objected Oriented Programming Lab	75	75	55	73.33
19	1003 - ENGINEERING PHYSICS-1	74	73	53	71.62
20	5133 - Web Programming	58	58	41	70.69
21	1002 - ENGINEERING MATHEMATICS-1	74	72	52	70.27
22	3134 - Objected Oriented Programming through C++	75	75	49	65.33

#### 14 Government Polytechnic College, Kannur

Subject	Registered	Appeared	Passed	Pass %
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#### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
3	1001 - ENGLISH FOR COMMUNICATION-1	62	62	60	96.77
4	3018 - Concrete Lab	61	60	59	96.72
5	3019 - Construction Engg. Lab	61	60	59	96.72
6	1008 - COMPUTING FUNDAMENTALS	62	62	59	95.16
7	3017 - Survey Practical II	61	59	58	95.08
8	5018 - Geotechnical Engineering Lab	56	54	53	94.64
9	1004 - ENGINEERING CHEMISTRY-1	62	62	58	93.55
10	1003 - ENGINEERING PHYSICS-1	62	62	55	88.71
11	5012 - Construction Management & Safety Engineering	56	53	49	87.5
12	5019 - Computer Application Lab	56	54	49	87.5
13	5017 - Habitat Technology	56	56	49	87.5
14	1002 - ENGINEERING MATHEMATICS-1	62	62	54	87.1
15	3001 - Environmental Science & Disaster Management	61	61	53	86.89
16	3012 - Surveying II	61	60	46	75.41
17	3014 - Building Planning & Drawing	61	60	45	73.77
18	5013 - Geotechnical Engineering	56	54	40	71.43
19	3011 - Construction Materials and Engineering	61	61	43	70.49
20	5014 - Quantity Surveying II	56	56	39	69.64
21	3013 - Theory of Structures I	61	61	40	65.57
22	5015 - Structural Design I	56	55	36	64.29

#### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
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2	3029 - Fluid Mechanics Lab	59	59	59	100
3	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
4	5028 - Industrial Maintenance and Servicing Laboratory	53	53	53	100
5	5029 - Machine Shop Practice	53	53	52	98.11
6	1001 - ENGLISH FOR COMMUNICATION-1	63	63	60	95.24
7	3001 - Environmental Science & Disaster Management	59	59	56	94.92
8	3027 - Workshop Practice III	59	58	56	94.92
9	5027 - CADD Lab I	53	52	50	94.34
10	1008 - COMPUTING FUNDAMENTALS	63	63	57	90.48
11	1004 - ENGINEERING CHEMISTRY-1	63	63	55	87.3
12	5001 - Industrial Management & Safety	53	53	46	86.79
13	3024 - Machine Drawing	59	59	50	84.75
14	3028 - Electrical Technology Lab	59	57	49	83.05
15	5023 - Power Plant Engineering	53	53	44	83.02
16	5022 - Industrial Engineering	53	53	42	79.25
17	1002 - ENGINEERING MATHEMATICS-1	63	63	49	77.78
18	1003 - ENGINEERING PHYSICS-1	63	63	49	77.78
19	3021 - Electrical & Electronics Engg.	59	59	40	67.8
20	3022 - Fluid Mechanics & Pneumatics	59	59	39	66.1
21	5021 - Design of Machine Elements	53	53	35	66.04
22	3023 - Manufacturing Process	59	59	37	62.71

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	3001 - Environmental Science & Disaster Management	59	59	59	100
3	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
4	3038 - Mechanical Engineering Lab	59	58	58	98.31
5	1001 - ENGLISH FOR COMMUNICATION-1	63	63	61	96.83
6	5032 - Power Electronics	51	50	49	96.08
7	5038 - Electronics Lab	51	48	47	92.16
8	5001 - Industrial Management & Safety	51	51	47	92.16
9	5031 - Induction Machines	51	51	47	92.16
10	5035 - Renewable Energy Sources	51	51	47	92.16
11	3033 - Fundamentals of AC Systems	59	59	54	91.53
12	1008 - COMPUTING FUNDAMENTALS	63	63	57	90.48
13	3034 - Mechanical Engineering	59	59	53	89.83
14	3032 - Electrical Measuring Instruments	59	58	53	89.83
15	3039 - Electrical Measurements Lab	59	58	52	88.14
16	5039 - A C Machines Lab I	51	50	44	86.27
17	1004 - ENGINEERING CHEMISTRY-1	63	63	53	84.13
18	3031 - Analog Devices & Circuits	59	59	49	83.05
19	3037 - Electrical Workshop Practice	59	59	48	81.36
20	1003 - ENGINEERING PHYSICS-1	63	63	51	80.95

21	1002 - ENGINEERING MATHEMATICS-1	63	63	46	73.02
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### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36
3	5048 - Industrial Electronics & PLC Lab	49	48	48	97.96
4	5047 - PCB & Spice Lab	49	49	48	97.96
5	1001 - ENGLISH FOR COMMUNICATION-1	61	60	58	95.08
6	5049 - Embedded System Lab	49	48	46	93.88
7	5042 - Industrial Electronics & PLC	49	49	45	91.84
8	3042 - Digital Electronics	60	60	54	90
9	3001 - Environmental Science & Disaster Management	60	59	54	90
10	1008 - COMPUTING FUNDAMENTALS	61	58	54	88.52
11	3047 - Electronics Circuits Lab	60	55	52	86.67
12	5001 - Industrial Management & Safety	49	49	42	85.71
13	3048 - Digital Electronics Lab	60	54	51	85
14	3049 - Analogue Communication Lab	60	56	50	83.33
15	1004 - ENGINEERING CHEMISTRY-1	61	60	50	81.97
16	3041 - Communication Engineering	60	60	49	81.67
17	1002 - ENGINEERING MATHEMATICS-1	61	60	45	73.77
18	5041 - Embedded System	49	48	36	73.47
19	3044 - Electronic Devices & Circuits	60	60	43	71.67
20	1003 - ENGINEERING PHYSICS-1	61	60	43	70.49
21	5044 - Medical Electronics	49	49	29	59.18
22	3043 - Electrical Technology	60	59	34	56.67

### Textile Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	39	39	39	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	59	59	95.16
3	5068 - Textile Testing & Quality Assurance I Practical	39	37	37	94.87
4	5069 - Yarn Formation III Practical	39	37	37	94.87
5	5067 - Fabric Formation III Practical	39	36	34	87.18
6	3069 - Fabric Formation I Practical	48	40	39	81.25
7	3067 - Yarn Formation I Practical	48	45	39	81.25
8	1001 - ENGLISH FOR COMMUNICATION-1	62	61	49	79.03
9	3068 - Textile Wet Processing I Practical	48	42	37	77.08
10	1008 - COMPUTING FUNDAMENTALS	62	60	44	70.97
11	3001 - Environmental Science & Disaster Management	48	46	32	66.67
12	1004 - ENGINEERING CHEMISTRY-1	62	61	40	64.52
13	3061 - Design and Structure of Fabrics	48	46	30	62.5
14	5061 - Fabric Formation III	39	37	24	61.54
15	3064 - Yarn Formation I	48	46	29	60.42
16	5062 - Yarn Formation III	39	38	22	56.41
17	3063 - Textile Wet Processing I	48	44	27	56.25

18	5065 - Technical Textiles	39	39	21	53.85
19	1002 - ENGINEERING MATHEMATICS-1	62	61	32	51.61
20	5001 - Industrial Management & Safety	39	37	20	51.28
21	1003 - ENGINEERING PHYSICS-1	62	61	28	45.16
22	3062 - Fabric Formation I	48	45	19	39.58

### Wood & Paper Technology

1	3129 - Pulp Technology Lab	34	34	34	100
2	5128 - Furniture Production Lab	23	23	23	100
3	1001 - ENGLISH FOR COMMUNICATION-1	42	42	42	100
4	3127 - Workshop Practice	34	34	34	100
5	5009 - Industrial Training/Industrial Visit/Collaborative work	23	23	23	100
6	1009 - HEALTH & PHYSICAL EDUCATION	42	42	42	100
7	3128 - Wood Chemistry Lab	34	34	34	100
8	5129 - CADD Lab	23	23	23	100
9	5127 - Wood Workshop II	23	23	23	100
10	1008 - COMPUTING FUNDAMENTALS	42	42	39	92.86
11	3122 - Pulp Technology	34	34	31	91.18
12	5121 - Interior Design Engineering	23	23	19	82.61
13	3123 - Wood Processing	34	34	21	61.76
14	3001 - Environmental Science & Disaster Management	34	34	21	61.76
15	5125 - Statistical Quality Assurance	23	22	14	60.87
16	5001 - Industrial Management & Safety	23	22	14	60.87
17	5122 - Wood Products II	23	22	14	60.87
18	1004 - ENGINEERING CHEMISTRY-1	42	42	24	57.14
19	3121 - Mechanical & Electrical Engineering	34	34	19	55.88
20	1002 - ENGINEERING MATHEMATICS-1	42	42	23	54.76
21	3124 - Wood Chemistry	34	33	17	50
22	1003 - ENGINEERING PHYSICS-1	42	42	21	50

### 15 Swami Nithyananda Polytechnic College, Kanhangad

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	3018 - Concrete Lab	50	50	50	100
2	3019 - Construction Engg. Lab	50	50	50	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
4	5018 - Geotechnical Engineering Lab	58	58	58	100
5	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
6	5019 - Computer Application Lab	58	58	56	96.55
7	3017 - Survey Practical II	50	50	48	96
8	3014 - Building Planning & Drawing	50	50	48	96
9	1008 - COMPUTING FUNDAMENTALS	63	60	60	95.24
10	1001 - ENGLISH FOR COMMUNICATION-1	63	63	59	93.65

11	3001 - Environmental Science & Disaster Management	50	50	43	86
12	5017 - Habitat Technology	58	58	48	82.76
13	3013 - Theory of Structures I	50	50	40	80
14	5012 - Construction Management & Safety Engineering	58	58	46	79.31
15	3011 - Construction Materials and Engineering	50	50	39	78
16	1003 - ENGINEERING PHYSICS-1	63	63	49	77.78
17	5015 - Structural Design I	58	58	45	77.59
18	1004 - ENGINEERING CHEMISTRY-1	63	62	48	76.19
19	5013 - Geotechnical Engineering	58	57	40	68.97
20	3012 - Surveying II	50	50	34	68
21	5014 - Quantity Surveying II	58	57	33	56.9
22	1002 - ENGINEERING MATHEMATICS-1	63	63	35	55.56

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	5029 - Machine Shop Practice	53	52	50	94.34
3	3027 - Workshop Practice III	42	42	39	92.86
4	5027 - CADD Lab I	53	49	49	92.45
5	1008 - COMPUTING FUNDAMENTALS	62	57	57	91.94
6	5028 - Industrial Maintenance and Servicing Laboratory	53	50	48	90.57
7	3029 - Fluid Mechanics Lab	42	42	38	90.48
8	1009 - HEALTH & PHYSICAL EDUCATION	62	56	56	90.32
9	3024 - Machine Drawing	42	42	37	88.1
10	3001 - Environmental Science & Disaster Management	42	42	37	88.1
11	1001 - ENGLISH FOR COMMUNICATION-1	62	62	54	87.1
12	3028 - Electrical Technology Lab	42	42	36	85.71
13	5001 - Industrial Management & Safety	53	49	39	73.58
14	5022 - Industrial Engineering	53	50	37	69.81
15	1003 - ENGINEERING PHYSICS-1	62	62	42	67.74
16	3023 - Manufacturing Process	42	41	28	66.67
17	3022 - Fluid Mechanics & Pneumatics	42	42	28	66.67
18	1004 - ENGINEERING CHEMISTRY-1	62	62	41	66.13
19	5023 - Power Plant Engineering	53	51	35	66.04
20	5021 - Design of Machine Elements	53	51	35	66.04
21	3021 - Electrical & Electronics Engg.	42	42	26	61.9
22	1002 - ENGINEERING MATHEMATICS-1	62	62	31	50

### **Automobile Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	5058 - Automobile Servicing Lab II	47	46	46	97.87
3	1008 - COMPUTING FUNDAMENTALS	61	55	55	90.16
4	1009 - HEALTH & PHYSICAL EDUCATION	61	54	54	88.52
5	3057 - Manufacturing Lab I	54	54	47	87.04
6	5057 - CAD Lab - I	47	41	40	85.11

7	1001 - ENGLISH FOR COMMUNICATION-1	61	56	51	83.61
8	3058 - Petrol Engine Service Lab	54	53	45	83.33
9	3059 - Hydraulics Lab	54	49	39	72.22
10	5052 - Automobile Transmission	47	46	30	63.83
11	5059 - Automobile Engineering Lab	47	34	30	63.83
12	3024 - Machine Drawing	54	53	32	59.26
13	1003 - ENGINEERING PHYSICS-1	61	55	36	59.02
14	5051 - Automobile Design	47	42	25	53.19
15	5001 - Industrial Management & Safety	47	46	25	53.19
16	1004 - ENGINEERING CHEMISTRY-1	61	56	32	52.46
17	3001 - Environmental Science & Disaster Management	54	54	28	51.85
18	5053 - Fuels and Combustion	47	45	24	51.06
19	1002 - ENGINEERING MATHEMATICS-1	61	56	24	39.34
20	3052 - Production Process of Automobile Components	54	52	18	33.33
21	3021 - Electrical & Electronics Engg.	54	53	18	33.33
22	3051 - Fluid Mechanics & Machinery	54	49	11	20.37

### Electronics & Communication

1	1009 - HEALTH & PHYSICAL EDUCATION	50	50	50	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	18	18	18	100
3	5049 - Embedded System Lab	18	18	18	100
4	5047 - PCB & Spice Lab	18	18	18	100
5	5209 - Digital Communication Lab	18	18	18	100
6	1008 - COMPUTING FUNDAMENTALS	50	48	48	96
7	5041 - Embedded System	18	18	17	94.44
8	3049 - Analogue Communication Lab	27	23	20	74.07
9	5001 - Industrial Management & Safety	18	18	12	66.67
10	5044 - Medical Electronics	18	18	12	66.67
11	1001 - ENGLISH FOR COMMUNICATION-1	50	47	31	62
12	3047 - Electronics Circuits Lab	27	20	16	59.26
13	3042 - Digital Electronics	27	23	15	55.56
14	3048 - Digital Electronics Lab	27	20	13	48.15
15	5201 - Digital Communication	18	17	8	44.44
16	3001 - Environmental Science & Disaster Management	27	17	12	44.44
17	3044 - Electronic Devices & Circuits	27	23	9	33.33
18	1004 - ENGINEERING CHEMISTRY-1	50	49	12	24
19	3041 - Communication Engineering	27	25	6	22.22
20	1003 - ENGINEERING PHYSICS-1	50	48	7	14
21	3043 - Electrical Technology	27	22	3	11.11
22	1002 - ENGINEERING MATHEMATICS-1	50	50	4	8

### 16 Women's Polytechnic College, Thiruvananthapuram

Subject	Registered	Appeared	Passed	Pass %
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## Electronics

1	3047 - Electronics Circuits Lab	58	58	58	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	41	41	41	100
3	5048 - Industrial Electronics & PLC Lab	41	41	41	100
4	5049 - Embedded System Lab	41	41	41	100
5	3049 - Analogue Communication Lab	58	58	58	100
6	5047 - PCB & Spice Lab	41	40	40	97.56
7	1009 - HEALTH & PHYSICAL EDUCATION	58	55	55	94.83
8	1008 - COMPUTING FUNDAMENTALS	58	55	55	94.83
9	1001 - ENGLISH FOR COMMUNICATION-1	58	55	53	91.38
10	5042 - Industrial Electronics & PLC	41	41	37	90.24
11	3048 - Digital Electronics Lab	58	58	52	89.66
12	5001 - Industrial Management & Safety	41	41	36	87.8
13	5041 - Embedded System	41	40	36	87.8
14	3001 - Environmental Science & Disaster Management	58	57	48	82.76
15	3044 - Electronic Devices & Circuits	58	58	47	81.03
16	1004 - ENGINEERING CHEMISTRY-1	58	55	46	79.31
17	1003 - ENGINEERING PHYSICS-1	58	54	45	77.59
18	5043 - Control System	41	41	31	75.61
19	3043 - Electrical Technology	58	56	41	70.69
20	3041 - Communication Engineering	58	56	41	70.69
21	3042 - Digital Electronics	58	57	40	68.97
22	1002 - ENGINEERING MATHEMATICS-1	58	55	37	63.79

## Instrument Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	35	35	35	100
2	1009 - HEALTH & PHYSICAL EDUCATION	56	56	56	100
3	1008 - COMPUTING FUNDAMENTALS	56	56	56	100
4	5218 - Industrial Instruments Lab	35	35	35	100
5	5219 - Calibration and Simulation Lab	35	34	34	97.14
6	5217 - Process Control Lab	35	34	34	97.14
7	3218 - Transducers and Measurements Lab	47	43	43	91.49
8	3219 - Analog Circuits Lab	47	45	43	91.49
9	3217 - Digital Circuits Lab	47	44	43	91.49
10	5212 - Process Control	35	35	32	91.43
11	5211 - Industrial Instruments II	35	35	30	85.71
12	1001 - ENGLISH FOR COMMUNICATION-1	56	55	47	83.93
13	3213 - Electrical & Electronic Instruments	47	44	39	82.98
14	5001 - Industrial Management & Safety	35	34	29	82.86
15	5214 - Optical Instrumentation	35	35	29	82.86
16	3214 - Instrument Transducers	47	44	37	78.72
17	3212 - Digital Circuits	47	46	36	76.6
18	3001 - Environmental Science & Disaster Management	47	47	35	74.47

19	3211 - Analog Circuits	47	46	34	72.34
20	1004 - ENGINEERING CHEMISTRY-1	56	55	39	69.64
21	1003 - ENGINEERING PHYSICS-1	56	55	33	58.93
22	1002 - ENGINEERING MATHEMATICS-1	56	55	24	42.86

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	3131 - Computer Architecture	47	47	47	100
3	3138 - Digital Computer Principles Lab	47	46	46	97.87
4	3137 - Objected Oriented Programming Lab	47	46	46	97.87
5	3139 - Database Management System Lab	47	46	46	97.87
6	5137 - Computer Network Engineering Lab	43	42	42	97.67
7	5139 - Web Programming Lab	43	42	42	97.67
8	1009 - HEALTH & PHYSICAL EDUCATION	71	68	68	95.77
9	1008 - COMPUTING FUNDAMENTALS	71	68	67	94.37
10	5138 - Microprocessor Lab	43	42	40	93.02
11	3133 - Digital Computer Principles	47	46	43	91.49
12	5133 - Web Programming	43	41	39	90.7
13	5131 - Microprocessor and Interfacing	43	42	39	90.7
14	1001 - ENGLISH FOR COMMUNICATION-1	71	68	64	90.14
15	3132 - Database Management System	47	47	41	87.23
16	3001 - Environmental Science & Disaster Management	47	47	41	87.23
17	3134 - Objected Oriented Programming through C++	47	47	40	85.11
18	5134 - Cloud Computing	43	42	35	81.4
19	5132 - Project Management & Software Engineering	43	42	35	81.4
20	1004 - ENGINEERING CHEMISTRY-1	71	68	51	71.83
21	1003 - ENGINEERING PHYSICS-1	71	68	48	67.61
22	1002 - ENGINEERING MATHEMATICS-1	71	68	34	47.89

### Commercial Practice

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	5149 - Desktop Publishing	58	58	58	100
3	5148 - Computerised Financial Accounting-I	58	58	58	100
4	1008 - COMPUTING FUNDAMENTALS	59	58	58	98.31
5	3142 - English for Commercial Practice I	59	59	58	98.31
6	1001 - ENGLISH FOR COMMUNICATION-1	59	58	58	98.31
7	5142 - Cost Accounting	58	58	57	98.28
8	3143 - Mercantile Law	59	58	57	96.61
9	1009 - HEALTH & PHYSICAL EDUCATION	59	57	57	96.61
10	1143 - ECONIMICS	59	58	57	96.61
11	5145 - Typewriting Malayalam	58	58	56	96.55
12	3141 - Accountancy III	59	59	56	94.92
13	3144 - Principles of Management	59	59	56	94.92
14	5141 - Banking	58	58	55	94.83



15	3001 - Environmental Science & Disaster Management	59	59	53	89.83
16	5144 - Shorthand English (Condensation & Theory)	58	57	52	89.66
17	1142 - BUSINESS STUDIES	59	58	52	88.14
18	5143 - English for Commercial Practice III	58	58	50	86.21
19	3145 - Shorthand English 60 wpm	59	58	45	76.27
20	1144 - SHORT HAND ENGLISH THEORY-1	59	58	44	74.58
21	1141 - ACCOUNTANCY-1	59	33	32	54.24

**17 Women's Polytechnic College, Thrissur**

Subject	Registered	Appeared	Passed	Pass %
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**Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	5047 - PCB & Spice Lab	53	53	53	100
3	5001 - Industrial Management & Safety	53	52	51	96.23
4	1009 - HEALTH & PHYSICAL EDUCATION	62	59	59	95.16
5	5042 - Industrial Electronics & PLC	53	52	49	92.45
6	5041 - Embedded System	53	53	49	92.45
7	5048 - Industrial Electronics & PLC Lab	53	52	47	88.68
8	3042 - Digital Electronics	50	47	44	88
9	1001 - ENGLISH FOR COMMUNICATION-1	62	60	54	87.1
10	3049 - Analogue Communication Lab	50	46	42	84
11	1008 - COMPUTING FUNDAMENTALS	62	59	52	83.87
12	5049 - Embedded System Lab	53	53	44	83.02
13	3001 - Environmental Science & Disaster Management	50	47	41	82
14	3048 - Digital Electronics Lab	50	46	41	82
15	3047 - Electronics Circuits Lab	50	46	40	80
16	1004 - ENGINEERING CHEMISTRY-1	62	58	48	77.42
17	5045 - Optical Fibre Communication	53	53	41	77.36
18	3041 - Communication Engineering	50	46	37	74
19	3043 - Electrical Technology	50	47	36	72
20	1002 - ENGINEERING MATHEMATICS-1	62	59	42	67.74
21	1003 - ENGINEERING PHYSICS-1	62	59	42	67.74
22	3044 - Electronic Devices & Circuits	50	46	32	64

**Computer Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
3	5134 - Cloud Computing	50	50	49	98
4	5137 - Computer Network Engineering Lab	50	50	48	96
5	1001 - ENGLISH FOR COMMUNICATION-1	62	61	59	95.16
6	5133 - Web Programming	50	50	47	94
7	5132 - Project Management & Software Engineering	50	50	46	92
8	5131 - Microprocessor and Interfacing	50	50	45	90

9	3131 - Computer Architecture	47	47	42	89.36
10	1008 - COMPUTING FUNDAMENTALS	62	61	55	88.71
11	3001 - Environmental Science & Disaster Management	47	47	41	87.23
12	1004 - ENGINEERING CHEMISTRY-1	62	61	54	87.1
13	3138 - Digital Computer Principles Lab	47	47	40	85.11
14	1002 - ENGINEERING MATHEMATICS-1	62	61	52	83.87
15	1003 - ENGINEERING PHYSICS-1	62	61	48	77.42
16	3133 - Digital Computer Principles	47	46	35	74.47
17	5138 - Microprocessor Lab	50	50	37	74
18	3134 - Objected Oriented Programming through C++	47	47	33	70.21
19	3132 - Database Management System	47	47	33	70.21
20	3139 - Database Management System Lab	47	47	31	65.96
21	3137 - Objected Oriented Programming Lab	47	47	30	63.83
22	5139 - Web Programming Lab	50	50	31	62

### Commercial Practice

1	5148 - Computerised Financial Accounting-I	57	57	57	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	57	57	57	100
3	5149 - Desktop Publishing	57	57	57	100
4	5145 - Typewriting Malayalam	57	57	57	100
5	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
6	3142 - English for Commercial Practice I	60	58	58	96.67
7	3143 - Mercantile Law	60	58	58	96.67
8	5143 - English for Commercial Practice III	57	57	55	96.49
9	5141 - Banking	57	57	55	96.49
10	5142 - Cost Accounting	57	56	55	96.49
11	1008 - COMPUTING FUNDAMENTALS	63	62	60	95.24
12	3001 - Environmental Science & Disaster Management	60	58	57	95
13	5144 - Shorthand English (Condensation & Theory)	57	56	54	94.74
14	3141 - Accountancy III	60	58	56	93.33
15	1001 - ENGLISH FOR COMMUNICATION-1	63	63	58	92.06
16	3144 - Principles of Management	60	58	55	91.67
17	3145 - Shorthand English 60 wpm	60	58	54	90
18	1143 - ECONIMICS	63	61	56	88.89
19	1142 - BUSINESS STUDIES	63	63	55	87.3
20	1144 - SHORT HAND ENGLISH THEORY-1	63	62	55	87.3
21	1141 - ACCOUNTANCY-1	63	54	50	79.37

### 18 Women's Polytechnic College, Kozhikode

Subject	Registered	Appeared	Passed	Pass %
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### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	42	42	42	100
2	5047 - PCB & Spice Lab	42	42	42	100

3	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
4	5048 - Industrial Electronics & PLC Lab	42	42	41	97.62
5	1008 - COMPUTING FUNDAMENTALS	63	62	61	96.83
6	3049 - Analogue Communication Lab	42	41	40	95.24
7	5041 - Embedded System	42	42	40	95.24
8	5049 - Embedded System Lab	42	42	40	95.24
9	1001 - ENGLISH FOR COMMUNICATION-1	63	62	59	93.65
10	3047 - Electronics Circuits Lab	42	40	39	92.86
11	5042 - Industrial Electronics & PLC	42	42	39	92.86
12	5045 - Optical Fibre Communication	42	42	39	92.86
13	1004 - ENGINEERING CHEMISTRY-1	63	62	58	92.06
14	5001 - Industrial Management & Safety	42	42	38	90.48
15	3043 - Electrical Technology	42	41	38	90.48
16	1003 - ENGINEERING PHYSICS-1	63	62	57	90.48
17	1002 - ENGINEERING MATHEMATICS-1	63	62	52	82.54
18	3001 - Environmental Science & Disaster Management	42	42	34	80.95
19	3042 - Digital Electronics	42	40	33	78.57
20	3048 - Digital Electronics Lab	42	39	33	78.57
21	3044 - Electronic Devices & Circuits	42	41	30	71.43
22	3041 - Communication Engineering	42	39	29	69.05

### Commercial Practice

1	5141 - Banking	43	43	43	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
3	5142 - Cost Accounting	43	43	43	100
4	5145 - Typewriting Malayalam	43	43	43	100
5	5149 - Desktop Publishing	43	43	43	100
6	5148 - Computerised Financial Accounting-I	43	43	43	100
7	3142 - English for Commercial Practice I	46	46	46	100
8	3143 - Mercantile Law	46	46	46	100
9	1008 - COMPUTING FUNDAMENTALS	52	51	51	98.08
10	1001 - ENGLISH FOR COMMUNICATION-1	52	51	51	98.08
11	5144 - Shorthand English (Condensation & Theory)	43	43	42	97.67
12	5143 - English for Commercial Practice III	43	43	42	97.67
13	1009 - HEALTH & PHYSICAL EDUCATION	52	50	50	96.15
14	3144 - Principles of Management	46	46	44	95.65
15	3001 - Environmental Science & Disaster Management	46	46	44	95.65
16	3145 - Shorthand English 60 wpm	46	45	44	95.65
17	1143 - ECONIMICS	52	50	48	92.31
18	3141 - Accountancy III	46	46	42	91.3
19	1144 - SHORT HAND ENGLISH THEORY-1	52	50	46	88.46
20	1141 - ACCOUNTANCY-1	52	46	45	86.54
21	1142 - BUSINESS STUDIES	52	51	43	82.69

**19 I.P.T. & G.P.T. College, Shoranur**

	Subject	Registered	Appeared	Passed	Pass %
<b>Electronics</b>					
1	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
3	3048 - Digital Electronics Lab	47	47	46	97.87
4	3047 - Electronics Circuits Lab	47	47	45	95.74
5	3049 - Analogue Communication Lab	47	47	45	95.74
6	1001 - ENGLISH FOR COMMUNICATION-1	63	63	59	93.65
7	3001 - Environmental Science & Disaster Management	47	47	43	91.49
8	1008 - COMPUTING FUNDAMENTALS	63	63	56	88.89
9	5049 - Embedded System Lab	44	43	38	86.36
10	5047 - PCB & Spice Lab	44	42	38	86.36
11	5048 - Industrial Electronics & PLC Lab	44	43	38	86.36
12	1004 - ENGINEERING CHEMISTRY-1	63	61	54	85.71
13	3042 - Digital Electronics	47	47	38	80.85
14	5001 - Industrial Management & Safety	44	40	34	77.27
15	3041 - Communication Engineering	47	47	36	76.6
16	5041 - Embedded System	44	42	32	72.73
17	3044 - Electronic Devices & Circuits	47	47	33	70.21
18	1002 - ENGINEERING MATHEMATICS-1	63	63	44	69.84
19	5042 - Industrial Electronics & PLC	44	42	30	68.18
20	5044 - Medical Electronics	44	43	30	68.18
21	3043 - Electrical Technology	47	47	30	63.83
22	1003 - ENGINEERING PHYSICS-1	63	63	40	63.49
<b>Printing Technology</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	67	67	67	100
2	3108 - Image Processing Lab	75	73	73	97.33
3	1009 - HEALTH & PHYSICAL EDUCATION	72	70	70	97.22
4	1008 - COMPUTING FUNDAMENTALS	72	71	67	93.06
5	5109 - Packaging Techniques Lab	67	63	59	88.06
6	5108 - Printing Machines I Lab	67	62	58	86.57
7	1001 - ENGLISH FOR COMMUNICATION-1	72	72	61	84.72
8	5101 - Packaging Techniques	67	66	54	80.6
9	1004 - ENGINEERING CHEMISTRY-1	72	72	56	77.78
10	3109 - Desk Top Publishing Lab	75	71	56	74.67
11	3107 - Offset Printing Lab	75	72	54	72
12	3102 - Image Processing	75	74	53	70.67
13	3001 - Environmental Science & Disaster Management	75	74	53	70.67
14	1002 - ENGINEERING MATHEMATICS-1	72	71	49	68.06
15	1003 - ENGINEERING PHYSICS-1	72	72	48	66.67

16	5102 - Printing Machinery Maintenance	67	66	44	65.67
17	5105 - Security Printing	67	66	43	64.18
18	3104 - Offset Printing	75	74	46	61.33
19	3101 - Desk Top Publishing	75	73	46	61.33
20	3103 - Materials for Printing	75	72	41	54.67
21	5001 - Industrial Management & Safety	67	64	33	49.25

### Computer Engineering

1	5138 - Microprocessor Lab	51	51	51	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
3	5137 - Computer Network Engineering Lab	51	50	50	98.04
4	5139 - Web Programming Lab	51	50	50	98.04
5	1009 - HEALTH & PHYSICAL EDUCATION	63	61	61	96.83
6	1008 - COMPUTING FUNDAMENTALS	63	62	59	93.65
7	1001 - ENGLISH FOR COMMUNICATION-1	63	62	55	87.3
8	3139 - Database Management System Lab	62	62	54	87.1
9	3137 - Objected Oriented Programming Lab	62	60	53	85.48
10	1004 - ENGINEERING CHEMISTRY-1	63	62	53	84.13
11	3001 - Environmental Science & Disaster Management	62	61	50	80.65
12	5132 - Project Management & Software Engineering	51	47	41	80.39
13	3133 - Digital Computer Principles	62	62	49	79.03
14	5133 - Web Programming	51	50	40	78.43
15	5131 - Microprocessor and Interfacing	51	49	40	78.43
16	3132 - Database Management System	62	62	46	74.19
17	3131 - Computer Architecture	62	62	46	74.19
18	3138 - Digital Computer Principles Lab	62	59	46	74.19
19	5134 - Cloud Computing	51	51	33	64.71
20	3134 - Objected Oriented Programming through C++	62	61	37	59.68
21	1002 - ENGINEERING MATHEMATICS-1	63	62	37	58.73
22	1003 - ENGINEERING PHYSICS-1	63	62	36	57.14

### 20 KELTRON TOOL ROOM RESEARCH& TRAINING CENTRE, AROOR

Subject	Registered	Appeared	Passed	Pass %
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### Tool & Die Engineering

1	3118 - Tool Engineering Lab II	32	29	29	90.63
2	1009 - HEALTH & PHYSICAL EDUCATION	20	18	17	85
3	3117 - Workshop Practice III	32	26	26	81.25
4	3119 - Metrology Lab	32	24	23	71.88
5	1001 - ENGLISH FOR COMMUNICATION-1	20	20	12	60
6	1008 - COMPUTING FUNDAMENTALS	20	18	12	60
7	3001 - Environmental Science & Disaster Management	32	30	13	40.63
8	3112 - Tool Engineering Drawing	32	30	11	34.38
9	1004 - ENGINEERING CHEMISTRY-1	20	20	3	15

10	3021 - Electrical & Electronics Engg.	32	32	4	12.5
11	3111 - Engineering Metrology	32	32	4	12.5
12	1003 - ENGINEERING PHYSICS-1	20	20	2	10
13	3022 - Fluid Mechanics & Pneumatics	32	29	2	6.25
14	1002 - ENGINEERING MATHEMATICS-1	20	20	1	5

### MANUFACTURING TECHNOLOGY

1	3308 - Metrology Lab	5	4	4	80
2	3309 - Advanced Machine Shop - I	5	4	4	80
3	3028 - Electrical Technology Lab	5	3	3	60
4	3024 - Machine Drawing	5	5	3	60
5	3021 - Electrical & Electronics Engg.	5	5	2	40
6	3111 - Engineering Metrology	5	4	2	40
7	3001 - Environmental Science & Disaster Management	5	5	2	40
8	3022 - Fluid Mechanics & Pneumatics	5	5	1	20

### 21 Government Polytechnic College, Muttom

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	5019 - Computer Application Lab	53	51	51	96.23
3	1008 - COMPUTING FUNDAMENTALS	61	57	57	93.44
4	5018 - Geotechnical Engineering Lab	53	49	49	92.45
5	1009 - HEALTH & PHYSICAL EDUCATION	61	55	55	90.16
6	3019 - Construction Engg. Lab	51	48	45	88.24
7	3017 - Survey Practical II	51	45	45	88.24
8	3018 - Concrete Lab	51	45	45	88.24
9	1001 - ENGLISH FOR COMMUNICATION-1	61	59	51	83.61
10	3001 - Environmental Science & Disaster Management	51	46	42	82.35
11	3014 - Building Planning & Drawing	51	47	40	78.43
12	1004 - ENGINEERING CHEMISTRY-1	61	59	47	77.05
13	5012 - Construction Management & Safety Engineering	53	48	40	75.47
14	1003 - ENGINEERING PHYSICS-1	61	60	44	72.13
15	5013 - Geotechnical Engineering	53	50	38	71.7
16	5014 - Quantity Surveying II	53	49	36	67.92
17	5017 - Habitat Technology	53	48	36	67.92
18	3011 - Construction Materials and Engineering	51	48	34	66.67
19	3012 - Surveying II	51	48	33	64.71
20	5015 - Structural Design I	53	47	33	62.26
21	1002 - ENGINEERING MATHEMATICS-1	61	60	31	50.82
22	3013 - Theory of Structures I	51	47	24	47.06

### Mechanical Engineering

1	1008 - COMPUTING FUNDAMENTALS	62	62	62	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
3	5027 - CADD Lab I	47	46	46	97.87
4	5028 - Industrial Maintenance and Servicing Laboratory	47	46	46	97.87
5	5029 - Machine Shop Practice	47	46	46	97.87
6	3027 - Workshop Practice III	50	48	48	96
7	3024 - Machine Drawing	50	49	47	94
8	3028 - Electrical Technology Lab	50	48	46	92
9	1009 - HEALTH & PHYSICAL EDUCATION	62	61	56	90.32
10	3029 - Fluid Mechanics Lab	50	48	44	88
11	3001 - Environmental Science & Disaster Management	50	48	44	88
12	1001 - ENGLISH FOR COMMUNICATION-1	62	62	54	87.1
13	1004 - ENGINEERING CHEMISTRY-1	62	62	50	80.65
14	5001 - Industrial Management & Safety	47	43	34	72.34
15	5023 - Power Plant Engineering	47	45	32	68.09
16	5022 - Industrial Engineering	47	40	30	63.83
17	1003 - ENGINEERING PHYSICS-1	62	62	37	59.68
18	3021 - Electrical & Electronics Engg.	50	48	28	56
19	3022 - Fluid Mechanics & Pneumatics	50	48	27	54
20	3023 - Manufacturing Process	50	48	26	52
21	5021 - Design of Machine Elements	47	45	22	46.81
22	1002 - ENGINEERING MATHEMATICS-1	62	62	16	25.81

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	34	34	34	100
2	3037 - Electrical Workshop Practice	49	49	46	93.88
3	1008 - COMPUTING FUNDAMENTALS	62	57	57	91.94
4	5039 - A C Machines Lab I	34	32	31	91.18
5	5038 - Electronics Lab	34	31	31	91.18
6	1009 - HEALTH & PHYSICAL EDUCATION	62	56	56	90.32
7	3038 - Mechanical Engineering Lab	49	49	42	85.71
8	3039 - Electrical Measurements Lab	49	48	42	85.71
9	5035 - Renewable Energy Sources	34	32	28	82.35
10	1001 - ENGLISH FOR COMMUNICATION-1	62	58	51	82.26
11	3001 - Environmental Science & Disaster Management	49	48	39	79.59
12	5031 - Induction Machines	34	33	27	79.41
13	3032 - Electrical Measuring Instruments	49	48	36	73.47
14	1004 - ENGINEERING CHEMISTRY-1	62	58	45	72.58
15	5032 - Power Electronics	34	33	24	70.59
16	3033 - Fundamentals of AC Systems	49	48	32	65.31
17	1003 - ENGINEERING PHYSICS-1	62	58	39	62.9
18	5001 - Industrial Management & Safety	34	29	21	61.76
19	3034 - Mechanical Engineering	49	49	26	53.06

20	3031 - Analog Devices & Circuits	49	48	25	51.02
21	1002 - ENGINEERING MATHEMATICS-1	62	58	25	40.32

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	1009 - HEALTH & PHYSICAL EDUCATION	55	46	46	83.64
3	1008 - COMPUTING FUNDAMENTALS	55	46	45	81.82
4	5048 - Industrial Electronics & PLC Lab	40	35	32	80
5	3048 - Digital Electronics Lab	44	42	35	79.55
6	5047 - PCB & Spice Lab	40	37	31	77.5
7	5049 - Embedded System Lab	40	35	31	77.5
8	3049 - Analogue Communication Lab	44	42	33	75
9	3001 - Environmental Science & Disaster Management	44	43	30	68.18
10	3047 - Electronics Circuits Lab	44	37	29	65.91
11	3042 - Digital Electronics	44	44	27	61.36
12	1001 - ENGLISH FOR COMMUNICATION-1	55	47	32	58.18
13	5044 - Medical Electronics	40	35	19	47.5
14	5041 - Embedded System	40	38	17	42.5
15	1004 - ENGINEERING CHEMISTRY-1	55	49	22	40
16	5042 - Industrial Electronics & PLC	40	36	15	37.5
17	3044 - Electronic Devices & Circuits	44	43	15	34.09
18	3041 - Communication Engineering	44	38	14	31.82
19	1003 - ENGINEERING PHYSICS-1	55	48	14	25.45
20	5001 - Industrial Management & Safety	40	38	10	25
21	3043 - Electrical Technology	44	41	9	20.45
22	1002 - ENGINEERING MATHEMATICS-1	55	47	6	10.91

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	25	25	25	100
2	1009 - HEALTH & PHYSICAL EDUCATION	59	52	52	88.14
3	5137 - Computer Network Engineering Lab	25	22	22	88
4	5139 - Web Programming Lab	25	23	21	84
5	5134 - Cloud Computing	25	25	20	80
6	1008 - COMPUTING FUNDAMENTALS	59	54	47	79.66
7	1001 - ENGLISH FOR COMMUNICATION-1	59	52	45	76.27
8	5132 - Project Management & Software Engineering	25	25	17	68
9	5138 - Microprocessor Lab	25	25	17	68
10	1004 - ENGINEERING CHEMISTRY-1	59	54	40	67.8
11	5133 - Web Programming	25	24	14	56
12	5131 - Microprocessor and Interfacing	25	24	14	56
13	3139 - Database Management System Lab	40	34	22	55
14	3137 - Objected Oriented Programming Lab	40	33	22	55
15	3138 - Digital Computer Principles Lab	40	33	22	55
16	3001 - Environmental Science & Disaster Management	40	28	21	52.5



17	3133 - Digital Computer Principles	40	35	19	47.5
18	3131 - Computer Architecture	40	32	19	47.5
19	1003 - ENGINEERING PHYSICS-1	59	54	24	40.68
20	3132 - Database Management System	40	34	12	30
21	3134 - Objected Oriented Programming through C++	40	31	11	27.5
22	1002 - ENGINEERING MATHEMATICS-1	59	54	10	16.95

## 22 Government Polytechnic College, Kasargod

	Subject	Registered	Appeared	Passed	Pass %
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### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
2	5028 - Industrial Maintenance and Servicing Laboratory	44	44	44	100
3	5029 - Machine Shop Practice	44	44	44	100
4	3027 - Workshop Practice III	49	48	48	97.96
5	1009 - HEALTH & PHYSICAL EDUCATION	61	57	57	93.44
6	5027 - CADD Lab I	44	44	41	93.18
7	1008 - COMPUTING FUNDAMENTALS	61	55	53	86.89
8	1001 - ENGLISH FOR COMMUNICATION-1	61	58	53	86.89
9	5023 - Power Plant Engineering	44	44	37	84.09
10	3021 - Electrical & Electronics Engg.	49	46	41	83.67
11	1004 - ENGINEERING CHEMISTRY-1	61	59	49	80.33
12	3029 - Fluid Mechanics Lab	49	44	39	79.59
13	5021 - Design of Machine Elements	44	43	35	79.55
14	5001 - Industrial Management & Safety	44	37	35	79.55
15	3024 - Machine Drawing	49	46	35	71.43
16	3001 - Environmental Science & Disaster Management	49	46	35	71.43
17	1003 - ENGINEERING PHYSICS-1	61	57	43	70.49
18	5022 - Industrial Engineering	44	44	31	70.45
19	3023 - Manufacturing Process	49	46	32	65.31
20	3028 - Electrical Technology Lab	49	46	31	63.27
21	1002 - ENGINEERING MATHEMATICS-1	61	58	37	60.66
22	3022 - Fluid Mechanics & Pneumatics	49	48	21	42.86

### Electrical & Electronics Engineering

1	5035 - Renewable Energy Sources	50	50	50	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
3	5039 - A C Machines Lab I	50	50	49	98
4	3001 - Environmental Science & Disaster Management	50	50	47	94
5	5038 - Electronics Lab	50	50	47	94
6	1009 - HEALTH & PHYSICAL EDUCATION	61	57	57	93.44
7	3038 - Mechanical Engineering Lab	50	50	46	92
8	5031 - Induction Machines	50	50	46	92
9	5032 - Power Electronics	50	49	46	92

10	5001 - Industrial Management & Safety	50	50	45	90
11	1001 - ENGLISH FOR COMMUNICATION-1	61	57	52	85.25
12	1008 - COMPUTING FUNDAMENTALS	61	55	52	85.25
13	3037 - Electrical Workshop Practice	50	50	41	82
14	3034 - Mechanical Engineering	50	50	32	64
15	3033 - Fundamentals of AC Systems	50	49	32	64
16	3032 - Electrical Measuring Instruments	50	48	31	62
17	1004 - ENGINEERING CHEMISTRY-1	61	56	37	60.66
18	3031 - Analog Devices & Circuits	50	49	30	60
19	1003 - ENGINEERING PHYSICS-1	61	57	36	59.02
20	1002 - ENGINEERING MATHEMATICS-1	61	57	29	47.54
21	3039 - Electrical Measurements Lab	50	50	23	46

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
2	1009 - HEALTH & PHYSICAL EDUCATION	58	54	54	93.1
3	5047 - PCB & Spice Lab	44	39	39	88.64
4	3049 - Analogue Communication Lab	49	49	42	85.71
5	3048 - Digital Electronics Lab	49	48	41	83.67
6	3047 - Electronics Circuits Lab	49	47	40	81.63
7	1008 - COMPUTING FUNDAMENTALS	58	54	47	81.03
8	5049 - Embedded System Lab	44	33	33	75
9	5048 - Industrial Electronics & PLC Lab	44	37	33	75
10	3001 - Environmental Science & Disaster Management	49	49	35	71.43
11	3044 - Electronic Devices & Circuits	49	48	34	69.39
12	3041 - Communication Engineering	49	47	29	59.18
13	1001 - ENGLISH FOR COMMUNICATION-1	58	54	32	55.17
14	3042 - Digital Electronics	49	48	27	55.1
15	3043 - Electrical Technology	49	49	27	55.1
16	5042 - Industrial Electronics & PLC	44	38	22	50
17	1003 - ENGINEERING PHYSICS-1	58	54	24	41.38
18	1004 - ENGINEERING CHEMISTRY-1	58	54	23	39.66
19	5041 - Embedded System	44	36	17	38.64
20	5001 - Industrial Management & Safety	44	44	17	38.64
21	5045 - Optical Fibre Communication	44	39	14	31.82
22	1002 - ENGINEERING MATHEMATICS-1	58	54	15	25.86

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	36	36	36	100
2	5137 - Computer Network Engineering Lab	36	36	35	97.22
3	5138 - Microprocessor Lab	36	36	35	97.22
4	5139 - Web Programming Lab	36	35	35	97.22
5	5133 - Web Programming	36	36	35	97.22
6	5136 - Information Security	36	36	34	94.44

7	1009 - HEALTH & PHYSICAL EDUCATION	59	55	55	93.22
8	5131 - Microprocessor and Interfacing	36	36	33	91.67
9	3131 - Computer Architecture	48	45	43	89.58
10	5132 - Project Management & Software Engineering	36	36	32	88.89
11	3134 - Objected Oriented Programming through C++	48	46	42	87.5
12	3133 - Digital Computer Principles	48	47	41	85.42
13	3139 - Database Management System Lab	48	47	40	83.33
14	3138 - Digital Computer Principles Lab	48	47	40	83.33
15	3001 - Environmental Science & Disaster Management	48	47	39	81.25
16	1001 - ENGLISH FOR COMMUNICATION-1	59	55	44	74.58
17	3137 - Objected Oriented Programming Lab	48	46	35	72.92
18	3132 - Database Management System	48	47	34	70.83
19	1008 - COMPUTING FUNDAMENTALS	59	53	38	64.41
20	1004 - ENGINEERING CHEMISTRY-1	59	55	36	61.02
21	1003 - ENGINEERING PHYSICS-1	59	55	33	55.93
22	1002 - ENGINEERING MATHEMATICS-1	59	55	30	50.85

### Civil Engineering

1	3019 - Construction Engg. Lab	31	31	31	100
2	3018 - Concrete Lab	31	31	31	100
3	3017 - Survey Practical II	31	31	31	100
4	5009 - Industrial Training/Industrial Visit/Collaborative work	33	33	33	100
5	5012 - Construction Management & Safety Engineering	33	33	33	100
6	5018 - Geotechnical Engineering Lab	33	33	33	100
7	5014 - Quantity Surveying II	33	33	33	100
8	5019 - Computer Application Lab	33	33	33	100
9	1001 - ENGLISH FOR COMMUNICATION-1	40	40	40	100
10	1009 - HEALTH & PHYSICAL EDUCATION	40	40	40	100
11	1008 - COMPUTING FUNDAMENTALS	40	40	40	100
12	1004 - ENGINEERING CHEMISTRY-1	40	40	39	97.5
13	5013 - Geotechnical Engineering	33	33	32	96.97
14	1003 - ENGINEERING PHYSICS-1	40	40	38	95
15	5017 - Habitat Technology	33	33	31	93.94
16	3001 - Environmental Science & Disaster Management	31	31	29	93.55
17	3012 - Surveying II	31	31	28	90.32
18	3011 - Construction Materials and Engineering	31	31	28	90.32
19	3013 - Theory of Structures I	31	31	27	87.1
20	5015 - Structural Design I	33	32	28	84.85
21	1002 - ENGINEERING MATHEMATICS-1	40	40	31	77.5
22	3014 - Building Planning & Drawing	31	31	24	77.42

### 23 Government Polytechnic College, Kothamangalam

Subject	Registered	Appeared	Passed	Pass %
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## Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	23	23	23	100
2	3019 - Construction Engg. Lab	29	29	29	100
3	5018 - Geotechnical Engineering Lab	23	23	23	100
4	3018 - Concrete Lab	29	29	29	100
5	3017 - Survey Practical II	29	29	29	100
6	1009 - HEALTH & PHYSICAL EDUCATION	63	61	61	96.83
7	5019 - Computer Application Lab	23	23	22	95.65
8	1008 - COMPUTING FUNDAMENTALS	63	60	60	95.24
9	1001 - ENGLISH FOR COMMUNICATION-1	63	62	60	95.24
10	5012 - Construction Management & Safety Engineering	23	23	21	91.3
11	5015 - Structural Design I	23	23	20	86.96
12	3014 - Building Planning & Drawing	29	29	25	86.21
13	3001 - Environmental Science & Disaster Management	29	29	25	86.21
14	3011 - Construction Materials and Engineering	29	29	24	82.76
15	5011 - Building Maintenance & Services	23	23	19	82.61
16	1002 - ENGINEERING MATHEMATICS-1	63	62	49	77.78
17	1004 - ENGINEERING CHEMISTRY-1	63	61	48	76.19
18	1003 - ENGINEERING PHYSICS-1	63	62	48	76.19
19	3013 - Theory of Structures I	29	29	21	72.41
20	5013 - Geotechnical Engineering	23	23	16	69.57
21	3012 - Surveying II	29	29	20	68.97
22	5014 - Quantity Surveying II	23	23	15	65.22

## Civil Engineering (Evening)

1	2009 - Life Skill	31	29	29	93.55
2	2019 - Survey Practical I	31	28	28	90.32
3	2007 - Engineering Science Lab II	31	28	28	90.32
4	2008 - Workshop Practice	31	26	26	83.87
5	2001 - English for Communication II	31	28	19	61.29
6	2005 - Engineering Graphics	31	28	15	48.39
7	2004 - Engineering Chemistry II	31	26	13	41.94
8	2011 - Surveying I	31	28	12	38.71
9	2003 - Engineering Physics II	31	26	10	32.26
10	2002 - Engineering Mathematics II	31	29	9	29.03

## Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
2	3027 - Workshop Practice III	52	52	52	100
3	3028 - Electrical Technology Lab	52	52	50	96.15
4	5028 - Industrial Maintenance and Servicing Laboratory	44	42	42	95.45
5	1009 - HEALTH & PHYSICAL EDUCATION	63	60	60	95.24
6	1008 - COMPUTING FUNDAMENTALS	63	60	60	95.24

7	5029 - Machine Shop Practice	44	41	41	93.18
8	5027 - CADD Lab I	44	42	40	90.91
9	1001 - ENGLISH FOR COMMUNICATION-1	63	60	56	88.89
10	3029 - Fluid Mechanics Lab	52	52	46	88.46
11	3001 - Environmental Science & Disaster Management	52	52	46	88.46
12	1003 - ENGINEERING PHYSICS-1	63	60	51	80.95
13	3023 - Manufacturing Process	52	52	41	78.85
14	1004 - ENGINEERING CHEMISTRY-1	63	60	47	74.6
15	3024 - Machine Drawing	52	52	38	73.08
16	1002 - ENGINEERING MATHEMATICS-1	63	60	46	73.02
17	5023 - Power Plant Engineering	44	41	29	65.91
18	5001 - Industrial Management & Safety	44	43	27	61.36
19	5022 - Industrial Engineering	44	42	26	59.09
20	3022 - Fluid Mechanics & Pneumatics	52	52	29	55.77
21	3021 - Electrical & Electronics Engg.	52	52	26	50
22	5021 - Design of Machine Elements	44	43	9	20.45

### **Mechanical Engineering (Evening)**

1	2008 - Workshop Practice	29	28	28	96.55
2	2009 - Life Skill	29	28	28	96.55
3	2029 - Basic Mechanical Engineering Lab	29	28	28	96.55
4	2007 - Engineering Science Lab II	29	28	28	96.55
5	2005 - Engineering Graphics	29	28	24	82.76
6	2001 - English for Communication II	29	28	21	72.41
7	2021 - Basic Mechanical Engineering	29	27	19	65.52
8	2004 - Engineering Chemistry II	29	27	15	51.72
9	2002 - Engineering Mathematics II	29	27	15	51.72
10	2003 - Engineering Physics II	29	28	10	34.48

### **Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	59	59	59	100
2	5047 - PCB & Spice Lab	59	58	58	98.31
3	5049 - Embedded System Lab	59	58	57	96.61
4	3049 - Analogue Communication Lab	53	52	51	96.23
5	5048 - Industrial Electronics & PLC Lab	59	58	56	94.92
6	3047 - Electronics Circuits Lab	53	52	49	92.45
7	1009 - HEALTH & PHYSICAL EDUCATION	59	54	54	91.53
8	3048 - Digital Electronics Lab	53	50	48	90.57
9	1008 - COMPUTING FUNDAMENTALS	59	53	51	86.44
10	1001 - ENGLISH FOR COMMUNICATION-1	59	54	48	81.36
11	3001 - Environmental Science & Disaster Management	53	53	42	79.25
12	5041 - Embedded System	59	59	42	71.19
13	1004 - ENGINEERING CHEMISTRY-1	59	54	38	64.41
14	5044 - Medical Electronics	59	59	37	62.71

15	1003 - ENGINEERING PHYSICS-1	59	54	36	61.02
16	5042 - Industrial Electronics & PLC	59	56	34	57.63
17	3042 - Digital Electronics	53	53	29	54.72
18	1002 - ENGINEERING MATHEMATICS-1	59	54	31	52.54
19	5001 - Industrial Management & Safety	59	54	29	49.15
20	3044 - Electronic Devices & Circuits	53	53	25	47.17
21	3041 - Communication Engineering	53	53	22	41.51
22	3043 - Electrical Technology	53	52	18	33.96

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
2	5137 - Computer Network Engineering Lab	44	43	43	97.73
3	1009 - HEALTH & PHYSICAL EDUCATION	57	55	55	96.49
4	3138 - Digital Computer Principles Lab	53	51	49	92.45
5	1008 - COMPUTING FUNDAMENTALS	57	55	52	91.23
6	1001 - ENGLISH FOR COMMUNICATION-1	57	55	51	89.47
7	5139 - Web Programming Lab	44	41	37	84.09
8	5138 - Microprocessor Lab	44	37	36	81.82
9	3001 - Environmental Science & Disaster Management	53	51	36	67.92
10	5135 - Ethical Hacking	44	43	29	65.91
11	1003 - ENGINEERING PHYSICS-1	57	55	36	63.16
12	1002 - ENGINEERING MATHEMATICS-1	57	55	35	61.4
13	3133 - Digital Computer Principles	53	52	32	60.38
14	3137 - Objected Oriented Programming Lab	53	51	32	60.38
15	1004 - ENGINEERING CHEMISTRY-1	57	55	34	59.65
16	3139 - Database Management System Lab	53	46	31	58.49
17	5131 - Microprocessor and Interfacing	44	43	23	52.27
18	3131 - Computer Architecture	53	52	27	50.94
19	5133 - Web Programming	44	44	21	47.73
20	3134 - Objected Oriented Programming through C++	53	51	25	47.17
21	3132 - Database Management System	53	51	24	45.28
22	5132 - Project Management & Software Engineering	44	41	16	36.36

### 24 Government Polytechnic College, Meenangadi

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	61	61	61	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	52	52	52	100
3	5018 - Geotechnical Engineering Lab	52	52	52	100
4	3017 - Survey Practical II	58	58	58	100
5	3018 - Concrete Lab	58	58	58	100
6	3019 - Construction Engg. Lab	58	58	57	98.28
7	1008 - COMPUTING FUNDAMENTALS	61	61	58	95.08

8	1004 - ENGINEERING CHEMISTRY-1	61	61	57	93.44
9	3001 - Environmental Science & Disaster Management	58	58	54	93.1
10	5019 - Computer Application Lab	52	52	48	92.31
11	1001 - ENGLISH FOR COMMUNICATION-1	61	61	56	91.8
12	1003 - ENGINEERING PHYSICS-1	61	61	52	85.25
13	5012 - Construction Management & Safety Engineering	52	51	44	84.62
14	3012 - Surveying II	58	58	48	82.76
15	3014 - Building Planning & Drawing	58	58	47	81.03
16	3013 - Theory of Structures I	58	58	45	77.59
17	5015 - Structural Design I	52	52	40	76.92
18	5013 - Geotechnical Engineering	52	52	40	76.92
19	5014 - Quantity Surveying II	52	52	39	75
20	1002 - ENGINEERING MATHEMATICS-1	61	61	43	70.49
21	3011 - Construction Materials and Engineering	58	58	38	65.52
22	5017 - Habitat Technology	52	52	34	65.38

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	5028 - Industrial Maintenance and Servicing Laboratory	58	58	58	100
3	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
4	5027 - CADD Lab I	58	56	56	96.55
5	1008 - COMPUTING FUNDAMENTALS	60	59	57	95
6	3029 - Fluid Mechanics Lab	60	57	54	90
7	1001 - ENGLISH FOR COMMUNICATION-1	60	59	53	88.33
8	3027 - Workshop Practice III	60	54	51	85
9	3001 - Environmental Science & Disaster Management	60	53	46	76.67
10	5023 - Power Plant Engineering	58	56	44	75.86
11	1004 - ENGINEERING CHEMISTRY-1	60	60	45	75
12	5029 - Machine Shop Practice	58	56	43	74.14
13	1003 - ENGINEERING PHYSICS-1	60	60	44	73.33
14	1002 - ENGINEERING MATHEMATICS-1	60	60	39	65
15	3023 - Manufacturing Process	60	56	38	63.33
16	5001 - Industrial Management & Safety	58	58	36	62.07
17	3024 - Machine Drawing	60	56	36	60
18	3028 - Electrical Technology Lab	60	53	36	60
19	3021 - Electrical & Electronics Engg.	60	54	32	53.33
20	3022 - Fluid Mechanics & Pneumatics	60	53	28	46.67
21	5022 - Industrial Engineering	58	57	26	44.83
22	5021 - Design of Machine Elements	58	57	23	39.66

### **Electrical & Electronics Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	59	59	96.72
3	1001 - ENGLISH FOR COMMUNICATION-1	61	60	59	96.72

4	5038 - Electronics Lab	49	47	47	95.92
5	1008 - COMPUTING FUNDAMENTALS	61	58	58	95.08
6	3038 - Mechanical Engineering Lab	53	46	45	84.91
7	3037 - Electrical Workshop Practice	53	50	45	84.91
8	3001 - Environmental Science & Disaster Management	53	48	45	84.91
9	1004 - ENGINEERING CHEMISTRY-1	61	60	50	81.97
10	5039 - A C Machines Lab I	49	48	38	77.55
11	5035 - Renewable Energy Sources	49	48	38	77.55
12	1003 - ENGINEERING PHYSICS-1	61	60	47	77.05
13	5031 - Induction Machines	49	48	36	73.47
14	3032 - Electrical Measuring Instruments	53	48	37	69.81
15	5001 - Industrial Management & Safety	49	48	34	69.39
16	1002 - ENGINEERING MATHEMATICS-1	61	60	42	68.85
17	3039 - Electrical Measurements Lab	53	47	32	60.38
18	3033 - Fundamentals of AC Systems	53	49	31	58.49
19	5032 - Power Electronics	49	46	28	57.14
20	3034 - Mechanical Engineering	53	49	29	54.72
21	3031 - Analog Devices & Circuits	53	48	22	41.51

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	5048 - Industrial Electronics & PLC Lab	47	46	44	93.62
3	5047 - PCB & Spice Lab	47	43	42	89.36
4	1009 - HEALTH & PHYSICAL EDUCATION	60	52	52	86.67
5	5049 - Embedded System Lab	47	43	40	85.11
6	3047 - Electronics Circuits Lab	49	39	39	79.59
7	3048 - Digital Electronics Lab	49	45	38	77.55
8	3049 - Analogue Communication Lab	49	48	38	77.55
9	1008 - COMPUTING FUNDAMENTALS	60	55	46	76.67
10	3042 - Digital Electronics	49	48	35	71.43
11	1001 - ENGLISH FOR COMMUNICATION-1	60	56	40	66.67
12	5042 - Industrial Electronics & PLC	47	45	31	65.96
13	3001 - Environmental Science & Disaster Management	49	48	31	63.27
14	5041 - Embedded System	47	46	29	61.7
15	1004 - ENGINEERING CHEMISTRY-1	60	56	32	53.33
16	3044 - Electronic Devices & Circuits	49	46	23	46.94
17	5001 - Industrial Management & Safety	47	46	22	46.81
18	5044 - Medical Electronics	47	45	20	42.55
19	1003 - ENGINEERING PHYSICS-1	60	56	25	41.67
20	1002 - ENGINEERING MATHEMATICS-1	60	55	16	26.67
21	3041 - Communication Engineering	49	48	11	22.45
22	3043 - Electrical Technology	49	47	5	10.2



	Subject	Registered	Appeared	Passed	Pass %
<b>Electronics</b>					
1	3047 - Electronics Circuits Lab	53	53	53	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	45	45	45	100
3	3049 - Analogue Communication Lab	53	53	53	100
4	3048 - Digital Electronics Lab	53	53	53	100
5	5049 - Embedded System Lab	45	45	45	100
6	5047 - PCB & Spice Lab	45	45	45	100
7	1009 - HEALTH & PHYSICAL EDUCATION	60	58	58	96.67
8	5048 - Industrial Electronics & PLC Lab	45	43	43	95.56
9	5042 - Industrial Electronics & PLC	45	44	42	93.33
10	3001 - Environmental Science & Disaster Management	53	53	49	92.45
11	1008 - COMPUTING FUNDAMENTALS	60	58	54	90
12	3041 - Communication Engineering	53	53	47	88.68
13	3042 - Digital Electronics	53	53	47	88.68
14	3044 - Electronic Devices & Circuits	53	52	43	81.13
15	5001 - Industrial Management & Safety	45	45	36	80
16	5041 - Embedded System	45	45	36	80
17	1001 - ENGLISH FOR COMMUNICATION-1	60	60	48	80
18	5044 - Medical Electronics	45	45	35	77.78
19	1004 - ENGINEERING CHEMISTRY-1	60	60	43	71.67
20	1003 - ENGINEERING PHYSICS-1	60	59	43	71.67
21	3043 - Electrical Technology	53	52	37	69.81
22	1002 - ENGINEERING MATHEMATICS-1	60	60	33	55
<b>Computer Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
2	5137 - Computer Network Engineering Lab	46	46	46	100
3	5133 - Web Programming	46	46	44	95.65
4	3138 - Digital Computer Principles Lab	56	55	53	94.64
5	1009 - HEALTH & PHYSICAL EDUCATION	63	59	59	93.65
6	3131 - Computer Architecture	56	55	52	92.86
7	1008 - COMPUTING FUNDAMENTALS	63	62	58	92.06
8	1001 - ENGLISH FOR COMMUNICATION-1	63	61	58	92.06
9	5134 - Cloud Computing	46	44	42	91.3
10	3133 - Digital Computer Principles	56	55	51	91.07
11	3134 - Objected Oriented Programming through C++	56	54	50	89.29
12	5139 - Web Programming Lab	46	46	41	89.13
13	5131 - Microprocessor and Interfacing	46	46	41	89.13
14	5132 - Project Management & Software Engineering	46	46	41	89.13
15	3001 - Environmental Science & Disaster Management	56	55	49	87.5
16	3137 - Objected Oriented Programming Lab	56	55	49	87.5

17	1003 - ENGINEERING PHYSICS-1	63	62	53	84.13
18	3139 - Database Management System Lab	56	54	47	83.93
19	1004 - ENGINEERING CHEMISTRY-1	63	62	51	80.95
20	3132 - Database Management System	56	55	45	80.36
21	1002 - ENGINEERING MATHEMATICS-1	63	62	50	79.37
22	5138 - Microprocessor Lab	46	46	36	78.26

### Commercial Practice

1	5141 - Banking	53	53	53	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
3	5145 - Typewriting Malayalam	53	53	53	100
4	5148 - Computerised Financial Accounting-I	53	53	53	100
5	5149 - Desktop Publishing	53	53	53	100
6	3142 - English for Commercial Practice I	53	53	53	100
7	3143 - Mercantile Law	53	53	53	100
8	3001 - Environmental Science & Disaster Management	53	53	52	98.11
9	5142 - Cost Accounting	53	52	52	98.11
10	1001 - ENGLISH FOR COMMUNICATION-1	50	49	49	98
11	1008 - COMPUTING FUNDAMENTALS	50	49	49	98
12	3145 - Shorthand English 60 wpm	53	53	51	96.23
13	5144 - Shorthand English (Condensation & Theory)	53	53	51	96.23
14	3144 - Principles of Management	53	53	50	94.34
15	1143 - ECONIMICS	50	49	47	94
16	1142 - BUSINESS STUDIES	50	49	47	94
17	3141 - Accountancy III	53	53	49	92.45
18	5143 - English for Commercial Practice III	53	53	49	92.45
19	1009 - HEALTH & PHYSICAL EDUCATION	50	46	46	92
20	1144 - SHORT HAND ENGLISH THEORY-1	50	49	44	88
21	1141 - ACCOUNTANCY-1	50	37	37	74

### Architecture

1	5189 - CAD Lab - II	24	24	24	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	24	24	24	100
3	3188 - Survey Practical	32	32	32	100
4	3189 - Model Making Workshop & Masonry Lab	32	32	32	100
5	1001 - ENGLISH FOR COMMUNICATION-1	32	31	31	96.88
6	3001 - Environmental Science & Disaster Management	32	32	31	96.88
7	1009 - HEALTH & PHYSICAL EDUCATION	32	31	31	96.88
8	5016 - Cost Effective Construction & Green Building	24	23	23	95.83
9	5181 - History of Architecture II	24	23	23	95.83
10	5182 - Architectural Drawing III	24	23	23	95.83
11	5183 - Working Drawing II	24	23	23	95.83
12	1003 - ENGINEERING PHYSICS-1	32	31	30	93.75
13	3183 - Architectural Drawing I	32	30	30	93.75

14	1008 - COMPUTING FUNDAMENTALS	32	30	30	93.75
15	3181 - Climatology	32	31	29	90.63
16	1002 - ENGINEERING MATHEMATICS-1	32	31	29	90.63
17	1004 - ENGINEERING CHEMISTRY-1	32	31	28	87.5
18	5015 - Structural Design I	24	23	21	87.5
19	3011 - Construction Materials and Engineering	32	32	28	87.5
20	3182 - Surveying for Architecture	32	31	26	81.25
21	3013 - Theory of Structures I	32	32	24	75
22	5012 - Construction Management & Safety Engineering	24	23	16	66.67

**26 MVGM Government Polytechnic College, Vennikulam**

Subject	Registered	Appeared	Passed	Pass %
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**Civil Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	58	58	95.08
3	3019 - Construction Engg. Lab	54	48	48	88.89
4	3018 - Concrete Lab	54	49	48	88.89
5	3017 - Survey Practical II	54	48	48	88.89
6	1008 - COMPUTING FUNDAMENTALS	61	54	54	88.52
7	5019 - Computer Application Lab	48	42	42	87.5
8	5018 - Geotechnical Engineering Lab	48	41	41	85.42
9	1001 - ENGLISH FOR COMMUNICATION-1	61	59	49	80.33
10	3001 - Environmental Science & Disaster Management	54	49	42	77.78
11	3014 - Building Planning & Drawing	54	50	39	72.22
12	3013 - Theory of Structures I	54	49	29	53.7
13	1004 - ENGINEERING CHEMISTRY-1	61	59	31	50.82
14	1002 - ENGINEERING MATHEMATICS-1	61	59	31	50.82
15	1003 - ENGINEERING PHYSICS-1	61	60	31	50.82
16	3011 - Construction Materials and Engineering	54	50	26	48.15
17	5014 - Quantity Surveying II	48	40	22	45.83
18	5013 - Geotechnical Engineering	48	44	21	43.75
19	5015 - Structural Design I	48	36	20	41.67
20	5012 - Construction Management & Safety Engineering	48	34	19	39.58
21	3012 - Surveying II	54	44	17	31.48
22	5017 - Habitat Technology	48	45	13	27.08

**Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	1009 - HEALTH & PHYSICAL EDUCATION	59	55	55	93.22
3	5047 - PCB & Spice Lab	53	53	49	92.45
4	1008 - COMPUTING FUNDAMENTALS	59	55	50	84.75
5	5048 - Industrial Electronics & PLC Lab	53	47	44	83.02
6	3047 - Electronics Circuits Lab	47	40	38	80.85

7	1001 - ENGLISH FOR COMMUNICATION-1	59	55	44	74.58
8	5049 - Embedded System Lab	53	52	39	73.58
9	3048 - Digital Electronics Lab	47	42	31	65.96
10	3049 - Analogue Communication Lab	47	41	29	61.7
11	3001 - Environmental Science & Disaster Management	47	36	23	48.94
12	1004 - ENGINEERING CHEMISTRY-1	59	56	28	47.46
13	3043 - Electrical Technology	47	44	22	46.81
14	1002 - ENGINEERING MATHEMATICS-1	59	56	26	44.07
15	5041 - Embedded System	53	51	23	43.4
16	5001 - Industrial Management & Safety	53	49	22	41.51
17	3042 - Digital Electronics	47	44	19	40.43
18	5045 - Optical Fibre Communication	53	49	20	37.74
19	1003 - ENGINEERING PHYSICS-1	59	56	22	37.29
20	5042 - Industrial Electronics & PLC	53	52	16	30.19
21	3044 - Electronic Devices & Circuits	47	30	6	12.77
22	3041 - Communication Engineering	47	45	6	12.77

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
2	5058 - Automobile Servicing Lab II	46	45	45	97.83
3	1009 - HEALTH & PHYSICAL EDUCATION	61	59	59	96.72
4	3057 - Manufacturing Lab I	56	54	54	96.43
5	5057 - CAD Lab - I	46	44	44	95.65
6	1008 - COMPUTING FUNDAMENTALS	61	57	57	93.44
7	3058 - Petrol Engine Service Lab	56	55	52	92.86
8	1001 - ENGLISH FOR COMMUNICATION-1	61	59	51	83.61
9	5054 - Special Purpose Vehicles	46	42	34	73.91
10	5059 - Automobile Engineering Lab	46	37	30	65.22
11	3001 - Environmental Science & Disaster Management	56	49	36	64.29
12	3059 - Hydraulics Lab	56	48	36	64.29
13	1004 - ENGINEERING CHEMISTRY-1	61	58	37	60.66
14	1003 - ENGINEERING PHYSICS-1	61	59	31	50.82
15	3024 - Machine Drawing	56	54	28	50
16	5052 - Automobile Transmission	46	45	23	50
17	1002 - ENGINEERING MATHEMATICS-1	61	59	27	44.26
18	5051 - Automobile Design	46	43	14	30.43
19	5001 - Industrial Management & Safety	46	41	12	26.09
20	3052 - Production Process of Automobile Components	56	56	13	23.21
21	3021 - Electrical & Electronics Engg.	56	54	11	19.64
22	3051 - Fluid Mechanics & Machinery	56	21	3	5.36

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
2	3139 - Database Management System Lab	32	31	31	96.88

3	3138 - Digital Computer Principles Lab	32	31	31	96.88
4	1009 - HEALTH & PHYSICAL EDUCATION	60	57	57	95
5	1008 - COMPUTING FUNDAMENTALS	60	56	53	88.33
6	5137 - Computer Network Engineering Lab	48	38	38	79.17
7	1001 - ENGLISH FOR COMMUNICATION-1	60	55	44	73.33
8	3137 - Objected Oriented Programming Lab	32	29	23	71.88
9	5138 - Microprocessor Lab	48	37	31	64.58
10	3001 - Environmental Science & Disaster Management	32	30	19	59.38
11	5139 - Web Programming Lab	48	37	27	56.25
12	1004 - ENGINEERING CHEMISTRY-1	60	56	29	48.33
13	3134 - Objected Oriented Programming through C++	32	31	14	43.75
14	5136 - Information Security	48	46	20	41.67
15	5131 - Microprocessor and Interfacing	48	32	20	41.67
16	3131 - Computer Architecture	32	30	13	40.63
17	5132 - Project Management & Software Engineering	48	40	17	35.42
18	3132 - Database Management System	32	31	11	34.38
19	1003 - ENGINEERING PHYSICS-1	60	57	19	31.67
20	5133 - Web Programming	48	43	14	29.17
21	1002 - ENGINEERING MATHEMATICS-1	60	53	16	26.67
22	3133 - Digital Computer Principles	32	13	7	21.88

#### 27 Government Polytechnic College, Pala

Subject	Registered	Appeared	Passed	Pass %
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#### Electronics

1	5048 - Industrial Electronics & PLC Lab	23	23	23	100
2	5049 - Embedded System Lab	23	23	23	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	23	23	23	100
4	1009 - HEALTH & PHYSICAL EDUCATION	55	53	53	96.36
5	1008 - COMPUTING FUNDAMENTALS	55	53	50	90.91
6	5042 - Industrial Electronics & PLC	23	23	20	86.96
7	3001 - Environmental Science & Disaster Management	43	43	37	86.05
8	3047 - Electronics Circuits Lab	43	43	33	76.74
9	1001 - ENGLISH FOR COMMUNICATION-1	55	53	41	74.55
10	3048 - Digital Electronics Lab	43	42	32	74.42
11	5047 - PCB & Spice Lab	23	22	16	69.57
12	3049 - Analogue Communication Lab	43	42	26	60.47
13	3041 - Communication Engineering	43	43	24	55.81
14	3042 - Digital Electronics	43	43	24	55.81
15	5041 - Embedded System	23	23	11	47.83
16	1004 - ENGINEERING CHEMISTRY-1	55	54	24	43.64
17	3044 - Electronic Devices & Circuits	43	42	17	39.53
18	5045 - Optical Fibre Communication	23	23	9	39.13
19	5001 - Industrial Management & Safety	23	22	9	39.13

20	3043 - Electrical Technology	43	43	16	37.21
21	1002 - ENGINEERING MATHEMATICS-1	55	53	19	34.55
22	1003 - ENGINEERING PHYSICS-1	55	53	18	32.73

### Instrument Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	38	38	38	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	61	61	96.83
3	5218 - Industrial Instruments Lab	38	34	34	89.47
4	3219 - Analog Circuits Lab	47	45	42	89.36
5	1008 - COMPUTING FUNDAMENTALS	63	61	53	84.13
6	1001 - ENGLISH FOR COMMUNICATION-1	63	61	52	82.54
7	3218 - Transducers and Measurements Lab	47	46	38	80.85
8	5217 - Process Control Lab	38	35	30	78.95
9	3211 - Analog Circuits	47	46	37	78.72
10	3001 - Environmental Science & Disaster Management	47	46	37	78.72
11	5219 - Calibration and Simulation Lab	38	35	29	76.32
12	5211 - Industrial Instruments II	38	38	28	73.68
13	3217 - Digital Circuits Lab	47	46	30	63.83
14	5001 - Industrial Management & Safety	38	37	24	63.16
15	5212 - Process Control	38	36	24	63.16
16	3213 - Electrical & Electronic Instruments	47	46	28	59.57
17	5215 - Power Plant Instrumentation	38	37	19	50
18	1004 - ENGINEERING CHEMISTRY-1	63	61	31	49.21
19	3214 - Instrument Transducers	47	45	22	46.81
20	3212 - Digital Circuits	47	46	22	46.81
21	1003 - ENGINEERING PHYSICS-1	63	61	23	36.51
22	1002 - ENGINEERING MATHEMATICS-1	63	61	21	33.33

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	34	34	34	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	56	56	91.8
3	3001 - Environmental Science & Disaster Management	50	49	45	90
4	5137 - Computer Network Engineering Lab	34	33	30	88.24
5	3139 - Database Management System Lab	50	48	42	84
6	1008 - COMPUTING FUNDAMENTALS	61	57	47	77.05
7	5135 - Ethical Hacking	34	33	26	76.47
8	1001 - ENGLISH FOR COMMUNICATION-1	61	58	45	73.77
9	5133 - Web Programming	34	34	24	70.59
10	3137 - Objected Oriented Programming Lab	50	48	35	70
11	3138 - Digital Computer Principles Lab	50	47	35	70
12	3132 - Database Management System	50	49	34	68
13	3133 - Digital Computer Principles	50	49	31	62
14	5138 - Microprocessor Lab	34	33	21	61.76
15	3131 - Computer Architecture	50	49	30	60

16	5131 - Microprocessor and Interfacing	34	33	20	58.82
17	1004 - ENGINEERING CHEMISTRY-1	61	58	32	52.46
18	5139 - Web Programming Lab	34	34	17	50
19	3134 - Objected Oriented Programming through C++	50	48	25	50
20	5132 - Project Management & Software Engineering	34	34	17	50
21	1002 - ENGINEERING MATHEMATICS-1	61	58	24	39.34
22	1003 - ENGINEERING PHYSICS-1	61	58	20	32.79

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	41	41	41	100
2	1009 - HEALTH & PHYSICAL EDUCATION	64	62	62	96.88
3	3037 - Electrical Workshop Practice	43	41	41	95.35
4	5038 - Electronics Lab	41	40	39	95.12
5	5039 - A C Machines Lab I	41	39	39	95.12
6	1001 - ENGLISH FOR COMMUNICATION-1	64	63	60	93.75
7	1008 - COMPUTING FUNDAMENTALS	64	62	57	89.06
8	3039 - Electrical Measurements Lab	43	41	38	88.37
9	3001 - Environmental Science & Disaster Management	43	43	38	88.37
10	3038 - Mechanical Engineering Lab	43	39	34	79.07
11	3032 - Electrical Measuring Instruments	43	42	33	76.74
12	1004 - ENGINEERING CHEMISTRY-1	64	63	47	73.44
13	3034 - Mechanical Engineering	43	41	31	72.09
14	5031 - Induction Machines	41	41	28	68.29
15	5035 - Renewable Energy Sources	41	41	26	63.41
16	1003 - ENGINEERING PHYSICS-1	64	63	40	62.5
17	5032 - Power Electronics	41	41	25	60.98
18	1002 - ENGINEERING MATHEMATICS-1	64	63	39	60.94
19	5001 - Industrial Management & Safety	41	40	23	56.1
20	3033 - Fundamentals of AC Systems	43	43	24	55.81
21	3031 - Analog Devices & Circuits	43	42	19	44.19

### 28 Women's Polytechnic College, Kayamkulam

Subject	Registered	Appeared	Passed	Pass %
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### Electronics

1	5047 - PCB & Spice Lab	45	45	45	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	45	45	45	100
3	5048 - Industrial Electronics & PLC Lab	45	45	45	100
4	5049 - Embedded System Lab	45	45	45	100
5	3049 - Analogue Communication Lab	56	56	56	100
6	1009 - HEALTH & PHYSICAL EDUCATION	63	61	61	96.83
7	1008 - COMPUTING FUNDAMENTALS	63	60	60	95.24
8	3047 - Electronics Circuits Lab	56	55	53	94.64
9	3048 - Digital Electronics Lab	56	56	51	91.07

10	5042 - Industrial Electronics & PLC	45	45	36	80
11	5044 - Medical Electronics	45	45	35	77.78
12	3001 - Environmental Science & Disaster Management	56	56	43	76.79
13	1001 - ENGLISH FOR COMMUNICATION-1	63	61	45	71.43
14	3041 - Communication Engineering	56	55	39	69.64
15	5041 - Embedded System	45	45	31	68.89
16	1004 - ENGINEERING CHEMISTRY-1	63	61	41	65.08
17	3044 - Electronic Devices & Circuits	56	56	34	60.71
18	3042 - Digital Electronics	56	56	30	53.57
19	1002 - ENGINEERING MATHEMATICS-1	63	61	29	46.03
20	1003 - ENGINEERING PHYSICS-1	63	61	28	44.44
21	5001 - Industrial Management & Safety	45	45	18	40
22	3043 - Electrical Technology	56	56	21	37.5

### Commercial Practice

1	5145 - Typewriting Malayalam	52	52	52	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	52	52	52	100
3	1001 - ENGLISH FOR COMMUNICATION-1	62	62	62	100
4	5148 - Computerised Financial Accounting-I	52	52	52	100
5	5149 - Desktop Publishing	52	52	52	100
6	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
7	1008 - COMPUTING FUNDAMENTALS	62	62	62	100
8	5142 - Cost Accounting	52	52	51	98.08
9	5144 - Shorthand English (Condensation & Theory)	52	52	50	96.15
10	5141 - Banking	52	52	50	96.15
11	3143 - Mercantile Law	54	54	51	94.44
12	3142 - English for Commercial Practice I	54	53	51	94.44
13	3145 - Shorthand English 60 wpm	54	54	48	88.89
14	3141 - Accountancy III	54	53	48	88.89
15	1143 - ECONIMICS	62	62	55	88.71
16	1142 - BUSINESS STUDIES	62	62	55	88.71
17	1144 - SHORT HAND ENGLISH THEORY-1	62	62	54	87.1
18	3001 - Environmental Science & Disaster Management	54	53	47	87.04
19	3144 - Principles of Management	54	54	47	87.04
20	1141 - ACCOUNTANCY-1	62	57	51	82.26
21	5143 - English for Commercial Practice III	52	52	42	80.77

### Computer Engineering

1	5137 - Computer Network Engineering Lab	56	56	56	100
2	3137 - Objected Oriented Programming Lab	61	61	61	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
4	3139 - Database Management System Lab	61	61	60	98.36
5	3138 - Digital Computer Principles Lab	61	60	60	98.36
6	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36



7	5138 - Microprocessor Lab	56	55	55	98.21
8	5139 - Web Programming Lab	56	55	55	98.21
9	1008 - COMPUTING FUNDAMENTALS	61	60	57	93.44
10	1001 - ENGLISH FOR COMMUNICATION-1	61	61	55	90.16
11	1004 - ENGINEERING CHEMISTRY-1	61	61	48	78.69
12	5134 - Cloud Computing	56	56	43	76.79
13	3134 - Objected Oriented Programming through C++	61	61	44	72.13
14	3001 - Environmental Science & Disaster Management	61	61	44	72.13
15	5132 - Project Management & Software Engineering	56	56	37	66.07
16	5133 - Web Programming	56	56	36	64.29
17	3132 - Database Management System	61	61	39	63.93
18	1003 - ENGINEERING PHYSICS-1	61	61	37	60.66
19	1002 - ENGINEERING MATHEMATICS-1	61	61	36	59.02
20	5131 - Microprocessor and Interfacing	56	55	33	58.93
21	3131 - Computer Architecture	61	61	32	52.46
22	3133 - Digital Computer Principles	61	59	30	49.18

## 29 Model Polytechnic College, Vadakara

Subject	Registered	Appeared	Passed	Pass %
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### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	60	60	96.77
3	1008 - COMPUTING FUNDAMENTALS	62	60	57	91.94
4	3137 - Objected Oriented Programming Lab	54	44	40	74.07
5	3159 - Database and SQL Lab	54	45	35	64.81
6	5137 - Computer Network Engineering Lab	55	44	35	63.64
7	3138 - Digital Computer Principles Lab	54	42	34	62.96
8	3001 - Environmental Science & Disaster Management	54	46	28	51.85
9	5159 - Network Programming Lab	55	36	27	49.09
10	1001 - ENGLISH FOR COMMUNICATION-1	62	60	30	48.39
11	5138 - Microprocessor Lab	55	42	25	45.45
12	3133 - Digital Computer Principles	54	48	23	42.59
13	5136 - Information Security	55	39	21	38.18
14	5152 - Network Programming	55	44	20	36.36
15	5132 - Project Management & Software Engineering	55	49	20	36.36
16	5151 - Computer Networks	55	50	19	34.55
17	1004 - ENGINEERING CHEMISTRY-1	62	60	20	32.26
18	3131 - Computer Architecture	54	46	15	27.78
19	3134 - Objected Oriented Programming through C++	54	46	14	25.93
20	3151 - Data Communication	54	47	11	20.37
21	1003 - ENGINEERING PHYSICS-1	62	60	12	19.35
22	1002 - ENGINEERING MATHEMATICS-1	62	60	11	17.74

## Applied Electronics

## Medical Electronics

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	52	52	52	100
2	5047 - PCB & Spice Lab	52	51	51	98.08
3	1008 - COMPUTING FUNDAMENTALS	63	62	61	96.83
4	1009 - HEALTH & PHYSICAL EDUCATION	63	61	61	96.83
5	5048 - Industrial Electronics & PLC Lab	52	51	45	86.54
6	3047 - Electronics Circuits Lab	58	50	44	75.86
7	5049 - Embedded System Lab	52	44	38	73.08
8	3048 - Digital Electronics Lab	58	53	42	72.41
9	3001 - Environmental Science & Disaster Management	58	51	41	70.69
10	3049 - Analogue Communication Lab	58	55	40	68.97
11	1001 - ENGLISH FOR COMMUNICATION-1	63	62	42	66.67
12	3042 - Digital Electronics	58	52	31	53.45
13	5042 - Industrial Electronics & PLC	52	47	25	48.08
14	3041 - Communication Engineering	58	52	26	44.83
15	1003 - ENGINEERING PHYSICS-1	63	62	27	42.86
16	5001 - Industrial Management & Safety	52	49	22	42.31
17	1004 - ENGINEERING CHEMISTRY-1	63	62	25	39.68
18	3044 - Electronic Devices & Circuits	58	53	23	39.66
19	5041 - Embedded System	52	45	19	36.54
20	3043 - Electrical Technology	58	54	20	34.48
21	5045 - Optical Fibre Communication	52	49	17	32.69
22	1002 - ENGINEERING MATHEMATICS-1	63	62	19	30.16

### Bio-Medical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	62	62	62	100
2	1008 - COMPUTING FUNDAMENTALS	62	61	61	98.39
3	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
4	3001 - Environmental Science & Disaster Management	60	59	56	93.33
5	3047 - Electronics Circuits Lab	60	57	56	93.33
6	3249 - PCB & Spice Lab	60	59	55	91.67
7	1001 - ENGLISH FOR COMMUNICATION-1	62	61	56	90.32
8	5248 - Medical Electronics Lab	62	55	55	88.71
9	3048 - Digital Electronics Lab	60	58	53	88.33
10	5249 - Biomedical Instruments Lab	62	57	53	85.48
11	3241 - Basic Medical Science	60	59	47	78.33
12	5049 - Embedded System Lab	62	55	46	74.19
13	1004 - ENGINEERING CHEMISTRY-1	62	61	43	69.35
14	1003 - ENGINEERING PHYSICS-1	62	61	42	67.74
15	3042 - Digital Electronics	60	57	40	66.67

16	5243 - Biomaterials and Prosthetic Devices	62	54	41	66.13
17	3044 - Electronic Devices & Circuits	60	59	39	65
18	5241 - Therapeutic Equipments	62	51	36	58.06
19	1002 - ENGINEERING MATHEMATICS-1	62	61	36	58.06
20	5001 - Industrial Management & Safety	62	55	35	56.45
21	3043 - Electrical Technology	60	60	31	51.67
22	5041 - Embedded System	62	50	29	46.77

**30 Government Polytechnic College, Neyyattinkara**

Subject	Registered	Appeared	Passed	Pass %
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**ELECTRONICS AND AVIONICS**

**Computer Application & Business Management**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	26	26	26	100
2	5251 - Event Management	26	26	26	100
3	5254 - Visual Programming	26	26	26	100
4	5259 - Visual Programming Lab	26	26	26	100
5	5255 - Service Centre Management	26	26	26	100
6	5253 - Retail Business Operations	26	25	25	96.15
7	3259 - Basics of Computer Hardware & Networking	43	40	40	93.02
8	3251 - Entrepreneurship Development	43	43	40	93.02
9	5252 - Non-Banking Financial Operations	26	25	24	92.31
10	3258 - Office Automation Software	43	39	39	90.7
11	3143 - Mercantile Law	43	43	39	90.7
12	1009 - HEALTH & PHYSICAL EDUCATION	50	43	43	86
13	1008 - COMPUTING FUNDAMENTALS	50	42	42	84
14	1259 - TALLY-1	50	42	42	84
15	3001 - Environmental Science & Disaster Management	43	43	31	72.09
16	1001 - ENGLISH FOR COMMUNICATION-1	50	43	33	66
17	3252 - Marketing Management	43	43	27	62.79
18	1143 - ECONOMICS	50	42	31	62
19	1251 - BASIC ACCOUNTING	50	42	30	60
20	3253 - Quantitative Techniques	43	36	23	53.49
21	1142 - BUSINESS STUDIES	50	43	23	46
22	1252 - FOUNDATIONS IN SCIENCE & TECHNOLOGY	50	30	21	42

**Electronics & Communication**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	61	61	100
3	1008 - COMPUTING FUNDAMENTALS	61	61	60	98.36
4	5209 - Digital Communication Lab	40	38	38	95
5	5049 - Embedded System Lab	40	38	38	95
6	5047 - PCB & Spice Lab	40	38	38	95
7	3049 - Analogue Communication Lab	47	45	43	91.49
8	3047 - Electronics Circuits Lab	47	42	42	89.36
9	1001 - ENGLISH FOR COMMUNICATION-1	61	61	52	85.25
10	3048 - Digital Electronics Lab	47	42	38	80.85
11	5001 - Industrial Management & Safety	40	40	31	77.5
12	5041 - Embedded System	40	38	29	72.5
13	3001 - Environmental Science & Disaster Management	47	47	32	68.09
14	5201 - Digital Communication	40	37	23	57.5
15	1004 - ENGINEERING CHEMISTRY-1	61	61	34	55.74
16	3043 - Electrical Technology	47	47	26	55.32
17	3042 - Digital Electronics	47	46	25	53.19
18	5043 - Control System	40	35	21	52.5
19	1003 - ENGINEERING PHYSICS-1	61	61	31	50.82
20	3044 - Electronic Devices & Circuits	47	41	20	42.55
21	3041 - Communication Engineering	47	43	17	36.17
22	1002 - ENGINEERING MATHEMATICS-1	61	61	22	36.07

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	32	32	32	100
2	5137 - Computer Network Engineering Lab	32	32	29	90.63
3	1009 - HEALTH & PHYSICAL EDUCATION	60	54	54	90
4	3139 - Database Management System Lab	50	47	42	84
5	5139 - Web Programming Lab	32	31	26	81.25
6	1001 - ENGLISH FOR COMMUNICATION-1	60	55	48	80
7	3138 - Digital Computer Principles Lab	50	46	38	76
8	3001 - Environmental Science & Disaster Management	50	48	37	74
9	5132 - Project Management & Software Engineering	32	30	22	68.75
10	5138 - Microprocessor Lab	32	31	21	65.63
11	1008 - COMPUTING FUNDAMENTALS	60	54	35	58.33
12	3137 - Objected Oriented Programming Lab	50	48	29	58
13	5134 - Cloud Computing	32	32	18	56.25
14	3131 - Computer Architecture	50	46	28	56
15	3134 - Objected Oriented Programming through C++	50	42	25	50
16	5131 - Microprocessor and Interfacing	32	30	15	46.88
17	3132 - Database Management System	50	48	23	46
18	3133 - Digital Computer Principles	50	45	21	42
19	1003 - ENGINEERING PHYSICS-1	60	55	25	41.67

20	5133 - Web Programming	32	30	13	40.63
21	1004 - ENGINEERING CHEMISTRY-1	60	54	24	40
22	1002 - ENGINEERING MATHEMATICS-1	60	55	20	33.33

**Electronics & Instrumentation**

**ELECTRONICS AND AVIONICS**

**Instrument Technology**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	35	35	35	100
2	1008 - COMPUTING FUNDAMENTALS	48	44	44	91.67
3	5217 - Process Control Lab	35	31	31	88.57
4	1009 - HEALTH & PHYSICAL EDUCATION	48	41	41	85.42
5	5219 - Calibration and Simulation Lab	35	31	29	82.86
6	5218 - Industrial Instruments Lab	35	28	28	80
7	3218 - Transducers and Measurements Lab	44	31	31	70.45
8	1001 - ENGLISH FOR COMMUNICATION-1	48	43	33	68.75
9	3217 - Digital Circuits Lab	44	30	25	56.82
10	3219 - Analog Circuits Lab	44	26	22	50
11	1004 - ENGINEERING CHEMISTRY-1	48	41	20	41.67
12	5001 - Industrial Management & Safety	35	30	13	37.14
13	5211 - Industrial Instruments II	35	30	12	34.29
14	3001 - Environmental Science & Disaster Management	44	28	15	34.09
15	1003 - ENGINEERING PHYSICS-1	48	42	15	31.25
16	5212 - Process Control	35	29	10	28.57
17	5214 - Optical Instrumentation	35	28	10	28.57
18	3211 - Analog Circuits	44	35	12	27.27
19	3214 - Instrument Transducers	44	32	11	25
20	3213 - Electrical & Electronic Instruments	44	37	11	25
21	3212 - Digital Circuits	44	37	11	25
22	1002 - ENGINEERING MATHEMATICS-1	48	42	11	22.92

**Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	33	33	33	100
2	1009 - HEALTH & PHYSICAL EDUCATION	51	48	48	94.12
3	3049 - Analogue Communication Lab	38	37	35	92.11
4	3048 - Digital Electronics Lab	38	37	35	92.11
5	5049 - Embedded System Lab	33	30	30	90.91
6	1008 - COMPUTING FUNDAMENTALS	51	46	46	90.2
7	5048 - Industrial Electronics & PLC Lab	33	27	27	81.82
8	5047 - PCB & Spice Lab	33	26	26	78.79
9	1001 - ENGLISH FOR COMMUNICATION-1	51	47	39	76.47
10	3044 - Electronic Devices & Circuits	38	37	29	76.32
11	3001 - Environmental Science & Disaster Management	38	37	29	76.32

12	3042 - Digital Electronics	38	37	27	71.05
13	3047 - Electronics Circuits Lab	38	37	26	68.42
14	5044 - Medical Electronics	33	29	22	66.67
15	5001 - Industrial Management & Safety	33	27	21	63.64
16	3041 - Communication Engineering	38	36	23	60.53
17	3043 - Electrical Technology	38	36	22	57.89
18	5042 - Industrial Electronics & PLC	33	31	19	57.58
19	5041 - Embedded System	33	29	18	54.55
20	1004 - ENGINEERING CHEMISTRY-1	51	47	25	49.02
21	1003 - ENGINEERING PHYSICS-1	51	48	24	47.06
22	1002 - ENGINEERING MATHEMATICS-1	51	48	22	43.14

**31 Residential Women's Polytechnic College, Payyannur**

Subject	Registered	Appeared	Passed	Pass %
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**Computer Engineering**

1	5139 - Web Programming Lab	44	44	44	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
3	5137 - Computer Network Engineering Lab	44	44	44	100
4	1008 - COMPUTING FUNDAMENTALS	62	61	61	98.39
5	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
6	3139 - Database Management System Lab	54	54	52	96.3
7	1001 - ENGLISH FOR COMMUNICATION-1	62	61	59	95.16
8	3133 - Digital Computer Principles	54	54	50	92.59
9	3131 - Computer Architecture	54	54	50	92.59
10	3138 - Digital Computer Principles Lab	54	54	49	90.74
11	3001 - Environmental Science & Disaster Management	54	54	48	88.89
12	1004 - ENGINEERING CHEMISTRY-1	62	61	54	87.1
13	3137 - Objected Oriented Programming Lab	54	54	46	85.19
14	5138 - Microprocessor Lab	44	44	37	84.09
15	1003 - ENGINEERING PHYSICS-1	62	61	52	83.87
16	1002 - ENGINEERING MATHEMATICS-1	62	61	51	82.26
17	5136 - Information Security	44	43	36	81.82
18	5132 - Project Management & Software Engineering	44	43	36	81.82
19	5131 - Microprocessor and Interfacing	44	42	36	81.82
20	3132 - Database Management System	54	54	43	79.63
21	5133 - Web Programming	44	43	34	77.27

22	3134 - Objected Oriented Programming through C++	54	54	41	75.93
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**Electronics & Instrumentation**

**Electronics & Communication**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
2	3047 - Electronics Circuits Lab	53	53	53	100
3	3049 - Analogue Communication Lab	53	53	53	100
4	5049 - Embedded System Lab	50	49	49	98
5	5209 - Digital Communication Lab	50	49	49	98
6	5047 - PCB & Spice Lab	50	49	49	98
7	1008 - COMPUTING FUNDAMENTALS	58	56	56	96.55
8	1009 - HEALTH & PHYSICAL EDUCATION	58	55	55	94.83
9	3048 - Digital Electronics Lab	53	53	50	94.34
10	5045 - Optical Fibre Communication	50	48	46	92
11	5041 - Embedded System	50	49	46	92
12	5001 - Industrial Management & Safety	50	50	46	92
13	5201 - Digital Communication	50	50	44	88
14	3001 - Environmental Science & Disaster Management	53	53	46	86.79
15	1001 - ENGLISH FOR COMMUNICATION-1	58	56	49	84.48
16	3042 - Digital Electronics	53	52	44	83.02
17	1003 - ENGINEERING PHYSICS-1	58	56	44	75.86
18	1004 - ENGINEERING CHEMISTRY-1	58	56	43	74.14
19	3044 - Electronic Devices & Circuits	53	53	39	73.58
20	3043 - Electrical Technology	53	53	37	69.81
21	3041 - Communication Engineering	53	53	35	66.04
22	1002 - ENGINEERING MATHEMATICS-1	58	56	36	62.07

**Computer Application & Business Management**

1	3258 - Office Automation Software	43	43	43	100
2	3259 - Basics of Computer Hardware & Networking	43	43	43	100
3	1008 - COMPUTING FUNDAMENTALS	50	49	49	98
4	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	43	97.73
5	3252 - Marketing Management	43	43	42	97.67
6	1009 - HEALTH & PHYSICAL EDUCATION	50	48	48	96
7	5252 - Non-Banking Financial Operations	44	44	42	95.45
8	5259 - Visual Programming Lab	44	42	42	95.45
9	3253 - Quantitative Techniques	43	43	41	95.35
10	3251 - Entrepreneurship Development	43	43	41	95.35
11	3143 - Mercantile Law	43	43	41	95.35
12	3001 - Environmental Science & Disaster Management	43	43	41	95.35
13	5255 - Service Centre Management	44	44	41	93.18
14	5253 - Retail Business Operations	44	44	39	88.64
15	5254 - Visual Programming	44	44	39	88.64

16	1259 - TALLY-1	50	48	42	84
17	1251 - BASIC ACCOUNTING	50	49	40	80
18	5251 - Event Management	44	43	35	79.55
19	1001 - ENGLISH FOR COMMUNICATION-1	50	49	35	70
20	1143 - ECONIMICS	50	49	31	62
21	1142 - BUSINESS STUDIES	50	49	25	50
22	1252 - FOUNDATIONS IN SCIENCE & TECHNOLOGY	50	36	18	36

### Instrument Technology

1	5217 - Process Control Lab	32	32	32	100
2	5218 - Industrial Instruments Lab	32	32	32	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	32	32	32	100
4	5212 - Process Control	32	32	32	100
5	3218 - Transducers and Measurements Lab	50	49	49	98
6	5211 - Industrial Instruments II	32	32	31	96.88
7	5001 - Industrial Management & Safety	32	32	31	96.88
8	5214 - Optical Instrumentation	32	32	31	96.88
9	5219 - Calibration and Simulation Lab	32	32	31	96.88
10	3219 - Analog Circuits Lab	50	48	48	96
11	1008 - COMPUTING FUNDAMENTALS	59	56	55	93.22
12	1009 - HEALTH & PHYSICAL EDUCATION	59	54	54	91.53
13	3214 - Instrument Transducers	50	50	45	90
14	3213 - Electrical & Electronic Instruments	50	50	44	88
15	3211 - Analog Circuits	50	50	44	88
16	3001 - Environmental Science & Disaster Management	50	50	43	86
17	3217 - Digital Circuits Lab	50	47	42	84
18	3212 - Digital Circuits	50	50	37	74
19	1001 - ENGLISH FOR COMMUNICATION-1	59	53	24	40.68
20	1002 - ENGINEERING MATHEMATICS-1	59	55	20	33.9
21	1003 - ENGINEERING PHYSICS-1	59	55	20	33.9
22	1004 - ENGINEERING CHEMISTRY-1	59	55	18	30.51

### 32 Women's Polytechnic College, Kottakkal

Subject	Registered	Appeared	Passed	Pass %
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### Electronics

1	5048 - Industrial Electronics & PLC Lab	32	32	32	100
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2	5009 - Industrial Training/Industrial Visit/Collaborative work	32	32	32	100
3	5041 - Embedded System	32	32	32	100
4	5049 - Embedded System Lab	32	32	32	100
5	5042 - Industrial Electronics & PLC	32	32	31	96.88
6	5047 - PCB & Spice Lab	32	32	31	96.88
7	5001 - Industrial Management & Safety	32	32	31	96.88
8	5045 - Optical Fibre Communication	32	32	31	96.88
9	1009 - HEALTH & PHYSICAL EDUCATION	59	56	56	94.92
10	1008 - COMPUTING FUNDAMENTALS	59	56	56	94.92
11	1001 - ENGLISH FOR COMMUNICATION-1	59	57	54	91.53
12	3042 - Digital Electronics	24	21	19	79.17
13	3047 - Electronics Circuits Lab	24	19	19	79.17
14	3001 - Environmental Science & Disaster Management	24	21	18	75
15	1004 - ENGINEERING CHEMISTRY-1	59	56	44	74.58
16	3048 - Digital Electronics Lab	24	18	17	70.83
17	3043 - Electrical Technology	24	21	15	62.5
18	1003 - ENGINEERING PHYSICS-1	59	56	36	61.02
19	3044 - Electronic Devices & Circuits	24	22	14	58.33
20	3049 - Analogue Communication Lab	24	17	14	58.33
21	3041 - Communication Engineering	24	20	14	58.33
22	1002 - ENGINEERING MATHEMATICS-1	59	55	31	52.54

### Electronics & Instrumentation

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	39	39	39	100
2	1008 - COMPUTING FUNDAMENTALS	61	60	60	98.36
3	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36
4	3047 - Electronics Circuits Lab	37	36	35	94.59
5	1001 - ENGLISH FOR COMMUNICATION-1	61	61	57	93.44
6	5001 - Industrial Management & Safety	39	36	36	92.31
7	5049 - Embedded System Lab	39	36	36	92.31
8	5209 - Digital Communication Lab	39	36	36	92.31
9	3048 - Digital Electronics Lab	37	36	34	91.89
10	5041 - Embedded System	39	36	35	89.74
11	5047 - PCB & Spice Lab	39	35	35	89.74
12	5043 - Control System	39	35	35	89.74
13	3001 - Environmental Science & Disaster Management	37	37	33	89.19
14	3049 - Analogue Communication Lab	37	36	30	81.08
15	5201 - Digital Communication	39	36	31	79.49
16	3041 - Communication Engineering	37	37	29	78.38
17	1004 - ENGINEERING CHEMISTRY-1	61	60	47	77.05
18	3044 - Electronic Devices & Circuits	37	36	27	72.97
19	3042 - Digital Electronics	37	36	27	72.97

20	3043 - Electrical Technology	37	37	26	70.27
21	1003 - ENGINEERING PHYSICS-1	61	59	36	59.02
22	1002 - ENGINEERING MATHEMATICS-1	61	59	20	32.79

### Computer Application & Business Management

1	3143 - Mercantile Law	30	30	30	100
2	3001 - Environmental Science & Disaster Management	30	30	30	100
3	3258 - Office Automation Software	30	30	30	100
4	3259 - Basics of Computer Hardware & Networking	30	30	30	100
5	5259 - Visual Programming Lab	28	28	28	100
6	5009 - Industrial Training/Industrial Visit/Collaborative work	28	28	28	100
7	1259 - TALLY-1	40	40	40	100
8	3251 - Entrepreneurship Development	30	30	30	100
9	1009 - HEALTH & PHYSICAL EDUCATION	40	40	40	100
10	1008 - COMPUTING FUNDAMENTALS	40	40	40	100
11	1143 - ECONIMICS	40	40	39	97.5
12	1251 - BASIC ACCOUNTING	40	39	39	97.5
13	5254 - Visual Programming	28	27	27	96.43
14	5255 - Service Centre Management	28	27	27	96.43
15	5253 - Retial Business Operations	28	27	27	96.43
16	1001 - ENGLISH FOR COMMUNICATION-1	40	40	38	95
17	3252 - Marketing Management	30	30	28	93.33
18	3253 - Quantitative Techniques	30	30	28	93.33
19	5251 - Event Management	28	27	26	92.86
20	5252 - Non-Banking Financial Operations	28	26	26	92.86
21	1142 - BUSINESS STUDIES	40	39	33	82.5
22	1252 - FOUNDATIONS IN SCIENCE & TECHNOLOGY	40	36	32	80

### Instrument Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	5218 - Industrial Instruments Lab	43	42	42	97.67
3	5217 - Process Control Lab	43	42	42	97.67
4	5219 - Calibration and Simulation Lab	43	42	42	97.67
5	1009 - HEALTH & PHYSICAL EDUCATION	60	58	58	96.67
6	3219 - Analog Circuits Lab	41	39	38	92.68
7	3218 - Transducers and Measurements Lab	41	39	37	90.24
8	3217 - Digital Circuits Lab	41	39	37	90.24
9	3214 - Instrument Transducers	41	40	37	90.24
10	5212 - Process Control	43	41	38	88.37
11	5213 - Advanced Microprocessors and Interfacing	43	42	38	88.37
12	3001 - Environmental Science & Disaster Management	41	40	36	87.8
13	1008 - COMPUTING FUNDAMENTALS	60	60	52	86.67
14	5211 - Industrial Instruments II	43	42	37	86.05
15	5001 - Industrial Management & Safety	43	42	35	81.4

16	3213 - Electrical & Electronic Instruments	41	40	33	80.49
17	1001 - ENGLISH FOR COMMUNICATION-1	60	59	48	80
18	3211 - Analog Circuits	41	40	30	73.17
19	3212 - Digital Circuits	41	40	29	70.73
20	1004 - ENGINEERING CHEMISTRY-1	60	59	29	48.33
21	1003 - ENGINEERING PHYSICS-1	60	60	25	41.67
22	1002 - ENGINEERING MATHEMATICS-1	60	60	14	23.33

### 33 Model Polytechnic College, Mala

	Subject	Registered	Appeared	Passed	Pass %
<b>Computer Hardware Maintenance</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	58	58	95.08
3	5137 - Computer Network Engineering Lab	40	38	38	95
4	3137 - Objected Oriented Programming Lab	45	40	40	88.89
5	3159 - Database and SQL Lab	45	41	39	86.67
6	1008 - COMPUTING FUNDAMENTALS	61	55	51	83.61
7	1001 - ENGLISH FOR COMMUNICATION-1	61	59	44	72.13
8	1004 - ENGINEERING CHEMISTRY-1	61	59	38	62.3
9	3001 - Environmental Science & Disaster Management	45	41	28	62.22
10	3138 - Digital Computer Principles Lab	45	37	25	55.56
11	3133 - Digital Computer Principles	45	40	21	46.67
12	5159 - Network Programming Lab	40	34	18	45
13	5138 - Microprocessor Lab	40	26	14	35
14	3131 - Computer Architecture	45	42	15	33.33
15	1003 - ENGINEERING PHYSICS-1	61	59	19	31.15
16	5136 - Information Security	40	35	12	30
17	3134 - Objected Oriented Programming through C++	45	38	12	26.67
18	5151 - Computer Networks	40	34	10	25
19	5152 - Network Programming	40	39	9	22.5
20	1002 - ENGINEERING MATHEMATICS-1	61	59	11	18.03
21	5132 - Project Management & Software Engineering	40	34	7	17.5
22	3151 - Data Communication	45	40	7	15.56

### Applied Electronics

#### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	1008 - COMPUTING FUNDAMENTALS	58	56	56	96.55
3	1009 - HEALTH & PHYSICAL EDUCATION	58	56	56	96.55
4	5137 - Computer Network Engineering Lab	47	46	45	95.74
5	3137 - Objected Oriented Programming Lab	52	49	45	86.54
6	3139 - Database Management System Lab	52	49	42	80.77

7	1001 - ENGLISH FOR COMMUNICATION-1	58	55	44	75.86
8	5138 - Microprocessor Lab	47	46	35	74.47
9	3001 - Environmental Science & Disaster Management	52	52	37	71.15
10	5139 - Web Programming Lab	47	47	33	70.21
11	3138 - Digital Computer Principles Lab	52	49	36	69.23
12	3132 - Database Management System	52	50	31	59.62
13	3131 - Computer Architecture	52	51	29	55.77
14	3133 - Digital Computer Principles	52	50	29	55.77
15	1004 - ENGINEERING CHEMISTRY-1	58	56	32	55.17
16	3134 - Objected Oriented Programming through C++	52	50	28	53.85
17	5131 - Microprocessor and Interfacing	47	47	19	40.43
18	5136 - Information Security	47	45	19	40.43
19	1003 - ENGINEERING PHYSICS-1	58	56	23	39.66
20	5133 - Web Programming	47	46	18	38.3
21	5132 - Project Management & Software Engineering	47	47	16	34.04
22	1002 - ENGINEERING MATHEMATICS-1	58	56	17	29.31

### Medical Electronics

### Bio-Medical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
3	5249 - Biomedical Instruments Lab	46	44	44	95.65
4	5049 - Embedded System Lab	46	45	44	95.65
5	1008 - COMPUTING FUNDAMENTALS	63	61	58	92.06
6	5248 - Medical Electronics Lab	46	45	42	91.3
7	3249 - PCB & Spice Lab	60	60	53	88.33
8	1001 - ENGLISH FOR COMMUNICATION-1	63	63	54	85.71
9	1004 - ENGINEERING CHEMISTRY-1	63	63	54	85.71
10	3048 - Digital Electronics Lab	60	60	49	81.67
11	3042 - Digital Electronics	60	60	49	81.67
12	3001 - Environmental Science & Disaster Management	60	59	48	80
13	5243 - Biomaterials and Prosthetic Devices	46	46	31	67.39
14	5001 - Industrial Management & Safety	46	46	30	65.22
15	3047 - Electronics Circuits Lab	60	57	37	61.67
16	3241 - Basic Medical Science	60	60	31	51.67
17	5241 - Therapeutic Equipments	46	45	23	50
18	1003 - ENGINEERING PHYSICS-1	63	63	31	49.21
19	3043 - Electrical Technology	60	60	27	45
20	1002 - ENGINEERING MATHEMATICS-1	63	63	24	38.1
21	5041 - Embedded System	46	46	16	34.78
22	3044 - Electronic Devices & Circuits	60	60	16	26.67

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	5047 - PCB & Spice Lab	55	54	53	96.36
3	1009 - HEALTH & PHYSICAL EDUCATION	63	60	60	95.24
4	1008 - COMPUTING FUNDAMENTALS	63	60	54	85.71
5	5048 - Industrial Electronics & PLC Lab	55	53	46	83.64
6	5049 - Embedded System Lab	55	54	43	78.18
7	3048 - Digital Electronics Lab	49	45	36	73.47
8	3047 - Electronics Circuits Lab	49	42	36	73.47
9	1001 - ENGLISH FOR COMMUNICATION-1	63	60	46	73.02
10	3049 - Analogue Communication Lab	49	43	35	71.43
11	1004 - ENGINEERING CHEMISTRY-1	63	60	45	71.43
12	3001 - Environmental Science & Disaster Management	49	47	31	63.27
13	5042 - Industrial Electronics & PLC	55	54	32	58.18
14	3042 - Digital Electronics	49	47	26	53.06
15	1003 - ENGINEERING PHYSICS-1	63	60	26	41.27
16	5045 - Optical Fibre Communication	55	54	20	36.36
17	1002 - ENGINEERING MATHEMATICS-1	63	60	22	34.92
18	3044 - Electronic Devices & Circuits	49	47	16	32.65
19	5041 - Embedded System	55	55	16	29.09
20	3043 - Electrical Technology	49	47	13	26.53
21	3041 - Communication Engineering	49	47	13	26.53
22	5001 - Industrial Management & Safety	55	55	13	23.64

### 34 Government Polytechnic College, Attingal

Subject	Registered	Appeared	Passed	Pass %
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#### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	3027 - Workshop Practice III	55	55	55	100
3	1008 - COMPUTING FUNDAMENTALS	61	60	60	98.36
4	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36
5	1001 - ENGLISH FOR COMMUNICATION-1	61	60	59	96.72
6	5028 - Industrial Maintenance and Servicing Laboratory	55	53	53	96.36
7	5029 - Machine Shop Practice	55	53	53	96.36
8	5027 - CADD Lab I	55	53	53	96.36
9	3029 - Fluid Mechanics Lab	55	55	53	96.36
10	5023 - Power Plant Engineering	55	54	47	85.45
11	1004 - ENGINEERING CHEMISTRY-1	61	60	52	85.25
12	5001 - Industrial Management & Safety	55	55	46	83.64
13	3024 - Machine Drawing	55	55	46	83.64
14	1002 - ENGINEERING MATHEMATICS-1	61	60	51	83.61
15	3001 - Environmental Science & Disaster Management	55	54	45	81.82
16	5021 - Design of Machine Elements	55	55	44	80
17	3028 - Electrical Technology Lab	55	53	43	78.18

18	1003 - ENGINEERING PHYSICS-1	61	60	46	75.41
19	3023 - Manufacturing Process	55	55	39	70.91
20	5022 - Industrial Engineering	55	54	35	63.64
21	3022 - Fluid Mechanics & Pneumatics	55	54	34	61.82
22	3021 - Electrical & Electronics Engg.	55	55	30	54.55

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	45	45	45	100
2	1008 - COMPUTING FUNDAMENTALS	58	55	55	94.83
3	1009 - HEALTH & PHYSICAL EDUCATION	58	55	55	94.83
4	1001 - ENGLISH FOR COMMUNICATION-1	58	54	53	91.38
5	5039 - A C Machines Lab I	45	43	40	88.89
6	3038 - Mechanical Engineering Lab	57	54	50	87.72
7	5031 - Induction Machines	45	45	39	86.67
8	3001 - Environmental Science & Disaster Management	57	55	48	84.21
9	3039 - Electrical Measurements Lab	57	54	47	82.46
10	5035 - Renewable Energy Sources	45	45	35	77.78
11	1004 - ENGINEERING CHEMISTRY-1	58	54	44	75.86
12	3034 - Mechanical Engineering	57	53	42	73.68
13	5032 - Power Electronics	45	43	33	73.33
14	3032 - Electrical Measuring Instruments	57	54	41	71.93
15	5001 - Industrial Management & Safety	45	39	32	71.11
16	1003 - ENGINEERING PHYSICS-1	58	55	41	70.69
17	5038 - Electronics Lab	45	43	30	66.67
18	3037 - Electrical Workshop Practice	57	55	37	64.91
19	1002 - ENGINEERING MATHEMATICS-1	58	55	34	58.62
20	3033 - Fundamentals of AC Systems	57	53	32	56.14
21	3031 - Analog Devices & Circuits	57	53	22	38.6

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
2	5058 - Automobile Servicing Lab II	48	47	47	97.92
3	5059 - Automobile Engineering Lab	48	46	46	95.83
4	5057 - CAD Lab - I	48	45	45	93.75
5	1009 - HEALTH & PHYSICAL EDUCATION	60	56	56	93.33
6	3057 - Manufacturing Lab I	54	48	48	88.89
7	1001 - ENGLISH FOR COMMUNICATION-1	60	56	52	86.67
8	1008 - COMPUTING FUNDAMENTALS	60	56	52	86.67
9	3058 - Petrol Engine Service Lab	54	47	43	79.63
10	5001 - Industrial Management & Safety	48	44	38	79.17
11	1004 - ENGINEERING CHEMISTRY-1	60	57	45	75
12	3059 - Hydraulics Lab	54	47	39	72.22
13	5053 - Fuels and Combustion	48	42	33	68.75
14	5051 - Automobile Design	48	45	29	60.42

15	5052 - Automobile Transmission	48	45	28	58.33
16	3001 - Environmental Science & Disaster Management	54	38	31	57.41
17	1002 - ENGINEERING MATHEMATICS-1	60	57	32	53.33
18	1003 - ENGINEERING PHYSICS-1	60	57	32	53.33
19	3024 - Machine Drawing	54	46	19	35.19
20	3051 - Fluid Mechanics & Machinery	54	46	18	33.33
21	3052 - Production Process of Automobile Components	54	46	13	24.07
22	3021 - Electrical & Electronics Engg.	54	46	13	24.07

### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	5137 - Computer Network Engineering Lab	43	43	43	100
3	3159 - Database and SQL Lab	39	38	38	97.44
4	1001 - ENGLISH FOR COMMUNICATION-1	58	54	53	91.38
5	1009 - HEALTH & PHYSICAL EDUCATION	58	53	53	91.38
6	5159 - Network Programming Lab	43	42	39	90.7
7	5138 - Microprocessor Lab	43	41	38	88.37
8	3001 - Environmental Science & Disaster Management	39	38	34	87.18
9	3137 - Objected Oriented Programming Lab	39	38	33	84.62
10	3133 - Digital Computer Principles	39	37	31	79.49
11	1008 - COMPUTING FUNDAMENTALS	58	52	46	79.31
12	3138 - Digital Computer Principles Lab	39	37	30	76.92
13	3151 - Data Communication	39	38	28	71.79
14	3134 - Objected Oriented Programming through C++	39	38	28	71.79
15	1004 - ENGINEERING CHEMISTRY-1	58	54	41	70.69
16	3131 - Computer Architecture	39	38	27	69.23
17	1003 - ENGINEERING PHYSICS-1	58	54	37	63.79
18	5134 - Cloud Computing	43	43	27	62.79
19	5132 - Project Management & Software Engineering	43	41	26	60.47
20	1002 - ENGINEERING MATHEMATICS-1	58	54	35	60.34
21	5151 - Computer Networks	43	41	24	55.81
22	5152 - Network Programming	43	42	18	41.86

### 35 Government Polytechnic College, Adoor

Subject	Registered	Appeared	Passed	Pass %
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### Mechanical Engineering

1	5027 - CADD Lab I	48	48	48	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
3	5029 - Machine Shop Practice	48	47	47	97.92
4	5028 - Industrial Maintenance and Servicing Laboratory	48	46	46	95.83
5	1009 - HEALTH & PHYSICAL EDUCATION	62	57	57	91.94
6	3027 - Workshop Practice III	56	48	48	85.71
7	3024 - Machine Drawing	56	54	48	85.71

8	1008 - COMPUTING FUNDAMENTALS	62	57	48	77.42
9	3028 - Electrical Technology Lab	56	49	43	76.79
10	1001 - ENGLISH FOR COMMUNICATION-1	62	60	45	72.58
11	3029 - Fluid Mechanics Lab	56	51	39	69.64
12	3001 - Environmental Science & Disaster Management	56	49	37	66.07
13	1004 - ENGINEERING CHEMISTRY-1	62	59	39	62.9
14	1002 - ENGINEERING MATHEMATICS-1	62	60	30	48.39
15	3021 - Electrical & Electronics Engg.	56	54	26	46.43
16	5001 - Industrial Management & Safety	48	41	22	45.83
17	5023 - Power Plant Engineering	48	45	20	41.67
18	3022 - Fluid Mechanics & Pneumatics	56	54	23	41.07
19	1003 - ENGINEERING PHYSICS-1	62	59	24	38.71
20	3023 - Manufacturing Process	56	49	21	37.5
21	5021 - Design of Machine Elements	48	39	18	37.5
22	5022 - Industrial Engineering	48	47	15	31.25

### Polymer Technology

1	5098 - Latex Products Lab	35	35	35	100
2	5099 - Composite Lab	35	35	35	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	35	35	35	100
4	1009 - HEALTH & PHYSICAL EDUCATION	60	57	57	95
5	3097 - Rubber Technology Lab	37	34	32	86.49
6	5097 - Polymer Machinery & CAD Lab	35	34	29	82.86
7	3098 - Polymer Analysis Lab	37	31	30	81.08
8	1008 - COMPUTING FUNDAMENTALS	60	55	41	68.33
9	1001 - ENGLISH FOR COMMUNICATION-1	60	59	41	68.33
10	3099 - Compound Design Lab	37	34	25	67.57
11	3091 - Natural Rubber Production	37	32	24	64.86
12	3094 - Technology of Elastomers	37	36	22	59.46
13	5001 - Industrial Management & Safety	35	35	20	57.14
14	3092 - Polymer Science	37	32	21	56.76
15	1004 - ENGINEERING CHEMISTRY-1	60	59	33	55
16	5093 - Chemical Engineering	35	34	17	48.57
17	5091 - Fibers and Composites	35	35	16	45.71
18	3001 - Environmental Science & Disaster Management	37	32	16	43.24
19	5092 - Plastic Technology	35	35	15	42.86
20	3093 - Synthetic Rubbers	37	34	12	32.43
21	1002 - ENGINEERING MATHEMATICS-1	60	59	18	30
22	1003 - ENGINEERING PHYSICS-1	60	59	14	23.33

### Architecture

1	5009 - Industrial Training/Industrial Visit/Collaborative work	45	45	45	100
2	5182 - Architectural Drawing III	45	45	40	88.89
3	1009 - HEALTH & PHYSICAL EDUCATION	58	50	50	86.21



4	3183 - Architectural Drawing I	44	40	35	79.55
5	3181 - Climatology	44	42	33	75
6	5189 - CAD Lab - II	45	43	33	73.33
7	3188 - Survey Practical	44	33	32	72.73
8	3001 - Environmental Science & Disaster Management	44	41	32	72.73
9	1001 - ENGLISH FOR COMMUNICATION-1	58	48	40	68.97
10	1008 - COMPUTING FUNDAMENTALS	58	49	39	67.24
11	3189 - Model Making Workshop & Masonry Lab	44	34	28	63.64
12	5181 - History of Architecture II	45	43	26	57.78
13	3013 - Theory of Structures I	44	41	25	56.82
14	5016 - Cost Effective Construction & Green Building	45	43	25	55.56
15	1004 - ENGINEERING CHEMISTRY-1	58	48	32	55.17
16	3182 - Surveying for Architecture	44	41	20	45.45
17	1003 - ENGINEERING PHYSICS-1	58	48	25	43.1
18	5012 - Construction Management & Safety Engineering	45	44	18	40
19	5183 - Working Drawing II	45	44	18	40
20	1002 - ENGINEERING MATHEMATICS-1	58	48	21	36.21
21	5015 - Structural Design I	45	39	16	35.56
22	3011 - Construction Materials and Engineering	44	42	8	18.18

### 36 Government Polytechnic College, Cherthala

Subject	Registered	Appeared	Passed	Pass %
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#### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	42	42	42	100
2	3159 - Database and SQL Lab	43	42	40	93.02
3	5137 - Computer Network Engineering Lab	42	39	37	88.1
4	1009 - HEALTH & PHYSICAL EDUCATION	58	51	51	87.93
5	3001 - Environmental Science & Disaster Management	43	39	35	81.4
6	5134 - Cloud Computing	42	40	32	76.19
7	1001 - ENGLISH FOR COMMUNICATION-1	58	51	44	75.86
8	3138 - Digital Computer Principles Lab	43	42	32	74.42
9	1004 - ENGINEERING CHEMISTRY-1	58	52	42	72.41
10	1008 - COMPUTING FUNDAMENTALS	58	45	42	72.41
11	5138 - Microprocessor Lab	42	38	29	69.05
12	3137 - Objected Oriented Programming Lab	43	42	29	67.44
13	5159 - Network Programming Lab	42	38	28	66.67
14	3133 - Digital Computer Principles	43	41	28	65.12
15	3131 - Computer Architecture	43	41	27	62.79
16	5151 - Computer Networks	42	40	24	57.14
17	5152 - Network Programming	42	41	24	57.14
18	1003 - ENGINEERING PHYSICS-1	58	52	29	50
19	3134 - Objected Oriented Programming through C++	43	42	20	46.51
20	5132 - Project Management & Software Engineering	42	39	19	45.24

21	1002 - ENGINEERING MATHEMATICS-1	58	52	22	37.93
22	3151 - Data Communication	43	42	15	34.88

### Electronics Production Technology

### Electronics & Instrumentation

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	42	42	42	100
2	1009 - HEALTH & PHYSICAL EDUCATION	56	55	55	98.21
3	5209 - Digital Communication Lab	42	41	41	97.62
4	5047 - PCB & Spice Lab	42	41	40	95.24
5	5049 - Embedded System Lab	42	41	38	90.48
6	3001 - Environmental Science & Disaster Management	46	45	41	89.13
7	3042 - Digital Electronics	46	45	41	89.13
8	1001 - ENGLISH FOR COMMUNICATION-1	56	55	49	87.5
9	1008 - COMPUTING FUNDAMENTALS	56	55	48	85.71
10	3049 - Analogue Communication Lab	46	45	39	84.78
11	3048 - Digital Electronics Lab	46	45	39	84.78
12	3047 - Electronics Circuits Lab	46	46	38	82.61
13	1004 - ENGINEERING CHEMISTRY-1	56	55	46	82.14
14	5041 - Embedded System	42	42	33	78.57
15	5045 - Optical Fibre Communication	42	40	33	78.57
16	5001 - Industrial Management & Safety	42	39	32	76.19
17	3041 - Communication Engineering	46	46	35	76.09
18	5201 - Digital Communication	42	41	31	73.81
19	1003 - ENGINEERING PHYSICS-1	56	55	39	69.64
20	3043 - Electrical Technology	46	46	31	67.39
21	1002 - ENGINEERING MATHEMATICS-1	56	55	28	50
22	3044 - Electronic Devices & Circuits	46	46	21	45.65

### Instrument Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	54	54	54	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	59	59	95.16
3	1008 - COMPUTING FUNDAMENTALS	62	57	55	88.71
4	3218 - Transducers and Measurements Lab	53	49	47	88.68
5	5218 - Industrial Instruments Lab	54	47	45	83.33
6	5001 - Industrial Management & Safety	54	47	44	81.48
7	3219 - Analog Circuits Lab	53	48	43	81.13
8	5219 - Calibration and Simulation Lab	54	44	43	79.63
9	1001 - ENGLISH FOR COMMUNICATION-1	62	59	48	77.42
10	1004 - ENGINEERING CHEMISTRY-1	62	59	48	77.42
11	3217 - Digital Circuits Lab	53	46	41	77.36
12	5211 - Industrial Instruments II	54	53	41	75.93

13	3001 - Environmental Science & Disaster Management	53	46	40	75.47
14	5217 - Process Control Lab	54	43	39	72.22
15	5212 - Process Control	54	51	38	70.37
16	3212 - Digital Circuits	53	48	36	67.92
17	5214 - Optical Instrumentation	54	51	34	62.96
18	1003 - ENGINEERING PHYSICS-1	62	60	34	54.84
19	3214 - Instrument Transducers	53	49	24	45.28
20	1002 - ENGINEERING MATHEMATICS-1	62	60	23	37.1
21	3211 - Analog Circuits	53	49	16	30.19
22	3213 - Electrical & Electronic Instruments	53	46	16	30.19

### **Mechanical Engineering**

1	5029 - Machine Shop Practice	46	46	46	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
3	5028 - Industrial Maintenance and Servicing Laboratory	46	45	45	97.83
4	3027 - Workshop Practice III	45	44	44	97.78
5	3028 - Electrical Technology Lab	45	44	44	97.78
6	3029 - Fluid Mechanics Lab	45	44	43	95.56
7	5027 - CADD Lab I	46	46	43	93.48
8	1009 - HEALTH & PHYSICAL EDUCATION	63	57	57	90.48
9	3024 - Machine Drawing	45	45	40	88.89
10	3001 - Environmental Science & Disaster Management	45	42	39	86.67
11	1008 - COMPUTING FUNDAMENTALS	63	56	54	85.71
12	1001 - ENGLISH FOR COMMUNICATION-1	63	56	50	79.37
13	5023 - Power Plant Engineering	46	46	36	78.26
14	5001 - Industrial Management & Safety	46	46	33	71.74
15	5022 - Industrial Engineering	46	46	32	69.57
16	1004 - ENGINEERING CHEMISTRY-1	63	57	42	66.67
17	3023 - Manufacturing Process	45	45	28	62.22
18	3022 - Fluid Mechanics & Pneumatics	45	44	27	60
19	3021 - Electrical & Electronics Engg.	45	45	25	55.56
20	5021 - Design of Machine Elements	46	46	25	54.35
21	1003 - ENGINEERING PHYSICS-1	63	57	32	50.79
22	1002 - ENGINEERING MATHEMATICS-1	63	56	25	39.68

### **Computer Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
2	3139 - Database Management System Lab	40	40	39	97.5
3	3138 - Digital Computer Principles Lab	40	40	38	95
4	3001 - Environmental Science & Disaster Management	40	38	37	92.5
5	1001 - ENGLISH FOR COMMUNICATION-1	62	62	55	88.71
6	3137 - Objected Oriented Programming Lab	40	40	33	82.5
7	1004 - ENGINEERING CHEMISTRY-1	62	62	51	82.26
8	3133 - Digital Computer Principles	40	40	32	80

9	1008 - COMPUTING FUNDAMENTALS	62	62	49	79.03
10	3132 - Database Management System	40	40	29	72.5
11	3131 - Computer Architecture	40	39	29	72.5
12	1003 - ENGINEERING PHYSICS-1	62	62	41	66.13
13	3134 - Objected Oriented Programming through C++	40	40	22	55
14	1002 - ENGINEERING MATHEMATICS-1	62	62	31	50

**37 Government Polytechnic College, Perumbavoor**

Subject	Registered	Appeared	Passed	Pass %
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**Mechanical Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	64	64	64	100
2	3027 - Workshop Practice III	58	58	58	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	60	60	60	100
4	1001 - ENGLISH FOR COMMUNICATION-1	64	64	63	98.44
5	1004 - ENGINEERING CHEMISTRY-1	64	64	63	98.44
6	5027 - CADD Lab I	60	60	59	98.33
7	5029 - Machine Shop Practice	60	58	58	96.67
8	3028 - Electrical Technology Lab	58	58	55	94.83
9	1008 - COMPUTING FUNDAMENTALS	64	64	60	93.75
10	3001 - Environmental Science & Disaster Management	58	57	52	89.66
11	1002 - ENGINEERING MATHEMATICS-1	64	64	57	89.06
12	1003 - ENGINEERING PHYSICS-1	64	64	57	89.06
13	5028 - Industrial Maintenance and Servicing Laboratory	60	60	52	86.67
14	5001 - Industrial Management & Safety	60	60	51	85
15	3023 - Manufacturing Process	58	58	49	84.48
16	3029 - Fluid Mechanics Lab	58	57	45	77.59
17	5022 - Industrial Engineering	60	59	45	75
18	3022 - Fluid Mechanics & Pneumatics	58	58	43	74.14
19	3024 - Machine Drawing	58	58	42	72.41
20	3021 - Electrical & Electronics Engg.	58	57	41	70.69
21	5023 - Power Plant Engineering	60	59	39	65
22	5021 - Design of Machine Elements	60	59	34	56.67

**Computer Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	54	54	54	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	60	60	100
3	5137 - Computer Network Engineering Lab	54	54	51	94.44
4	1001 - ENGLISH FOR COMMUNICATION-1	60	60	56	93.33
5	3139 - Database Management System Lab	56	54	52	92.86
6	1004 - ENGINEERING CHEMISTRY-1	60	60	54	90
7	3138 - Digital Computer Principles Lab	56	54	49	87.5
8	1008 - COMPUTING FUNDAMENTALS	60	60	48	80
9	1002 - ENGINEERING MATHEMATICS-1	60	60	48	80

10	5139 - Web Programming Lab	54	53	42	77.78
11	3001 - Environmental Science & Disaster Management	56	49	41	73.21
12	1003 - ENGINEERING PHYSICS-1	60	60	41	68.33
13	3133 - Digital Computer Principles	56	54	34	60.71
14	3132 - Database Management System	56	55	33	58.93
15	5134 - Cloud Computing	54	54	31	57.41
16	5132 - Project Management & Software Engineering	54	53	30	55.56
17	3137 - Objected Oriented Programming Lab	56	53	29	51.79
18	5131 - Microprocessor and Interfacing	54	54	27	50
19	5133 - Web Programming	54	53	25	46.3
20	3131 - Computer Architecture	56	52	25	44.64
21	3134 - Objected Oriented Programming through C++	56	54	23	41.07
22	5138 - Microprocessor Lab	54	51	18	33.33

### Electronics & Communication

1	5049 - Embedded System Lab	49	49	49	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
3	5047 - PCB & Spice Lab	49	49	49	100
4	5209 - Digital Communication Lab	49	49	49	100
5	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
6	1001 - ENGLISH FOR COMMUNICATION-1	60	59	58	96.67
7	3049 - Analogue Communication Lab	50	48	48	96
8	1008 - COMPUTING FUNDAMENTALS	60	59	57	95
9	3047 - Electronics Circuits Lab	50	47	47	94
10	3048 - Digital Electronics Lab	50	48	47	94
11	1004 - ENGINEERING CHEMISTRY-1	60	59	55	91.67
12	1002 - ENGINEERING MATHEMATICS-1	60	59	53	88.33
13	1003 - ENGINEERING PHYSICS-1	60	59	52	86.67
14	3001 - Environmental Science & Disaster Management	50	47	43	86
15	5001 - Industrial Management & Safety	49	49	41	83.67
16	5041 - Embedded System	49	49	41	83.67
17	3042 - Digital Electronics	50	49	38	76
18	5201 - Digital Communication	49	49	37	75.51
19	3044 - Electronic Devices & Circuits	50	49	36	72
20	3043 - Electrical Technology	50	49	36	72
21	5045 - Optical Fibre Communication	49	49	35	71.43
22	3041 - Communication Engineering	50	49	33	66

### 38 Government Polytechnic College, Koratty

Subject	Registered	Appeared	Passed	Pass %
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### Textile Technology

1	1009 - HEALTH & PHYSICAL EDUCATION	52	52	52	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	36	36	36	100

3	3067 - Yarn Formation I Practical	49	45	42	85.71
4	1008 - COMPUTING FUNDAMENTALS	52	50	44	84.62
5	5069 - Yarn Formation III Practical	36	30	28	77.78
6	5068 - Textile Testing & Quality Assurance I Practical	36	28	28	77.78
7	3068 - Textile Wet Processing I Practical	49	38	36	73.47
8	3069 - Fabric Formation I Practical	49	31	31	63.27
9	1001 - ENGLISH FOR COMMUNICATION-1	52	51	30	57.69
10	5067 - Fabric Formation III Practical	36	22	19	52.78
11	3061 - Design and Structure of Fabrics	49	47	25	51.02
12	3063 - Textile Wet Processing I	49	45	21	42.86
13	3001 - Environmental Science & Disaster Management	49	47	21	42.86
14	1004 - ENGINEERING CHEMISTRY-1	52	51	21	40.38
15	5062 - Yarn Formation III	36	33	14	38.89
16	3064 - Yarn Formation I	49	46	16	32.65
17	1003 - ENGINEERING PHYSICS-1	52	49	15	28.85
18	5001 - Industrial Management & Safety	36	18	10	27.78
19	5063 - Process Control	36	29	7	19.44
20	5061 - Fabric Formation III	36	36	6	16.67
21	3062 - Fabric Formation I	49	45	4	8.16
22	1002 - ENGINEERING MATHEMATICS-1	52	51	3	5.77

### **Polymer Technology**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	39	39	39	100
2	5098 - Latex Products Lab	39	37	37	94.87
3	1009 - HEALTH & PHYSICAL EDUCATION	59	55	55	93.22
4	5099 - Composite Lab	39	37	36	92.31
5	3099 - Compound Design Lab	46	43	41	89.13
6	3097 - Rubber Technology Lab	46	41	41	89.13
7	1008 - COMPUTING FUNDAMENTALS	59	56	51	86.44
8	1001 - ENGLISH FOR COMMUNICATION-1	59	56	44	74.58
9	5097 - Polymer Machinery & CAD Lab	39	26	25	64.1
10	1004 - ENGINEERING CHEMISTRY-1	59	56	35	59.32
11	3098 - Polymer Analysis Lab	46	43	26	56.52
12	5094 - Injection Mould Design	39	36	22	56.41
13	5092 - Plastic Technology	39	37	22	56.41
14	3094 - Technology of Elastomers	46	41	25	54.35
15	5001 - Industrial Management & Safety	39	39	20	51.28
16	5091 - Fibers and Composites	39	37	20	51.28
17	3091 - Natural Rubber Production	46	43	21	45.65
18	3001 - Environmental Science & Disaster Management	46	32	19	41.3
19	1003 - ENGINEERING PHYSICS-1	59	56	24	40.68
20	3092 - Polymer Science	46	44	18	39.13
21	3093 - Synthetic Rubbers	46	42	18	39.13

22	1002 - ENGINEERING MATHEMATICS-1	59	57	14	23.73
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**Electronics & Instrumentation**

**Instrument Technology**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
3	1001 - ENGLISH FOR COMMUNICATION-1	62	61	58	93.55
4	3001 - Environmental Science & Disaster Management	57	57	53	92.98
5	5219 - Calibration and Simulation Lab	51	48	47	92.16
6	1008 - COMPUTING FUNDAMENTALS	62	61	56	90.32
7	5218 - Industrial Instruments Lab	51	48	45	88.24
8	3217 - Digital Circuits Lab	57	52	49	85.96
9	5217 - Process Control Lab	51	48	43	84.31
10	5212 - Process Control	51	51	41	80.39
11	5211 - Industrial Instruments II	51	50	39	76.47
12	1004 - ENGINEERING CHEMISTRY-1	62	61	47	75.81
13	3218 - Transducers and Measurements Lab	57	49	41	71.93
14	5001 - Industrial Management & Safety	51	49	36	70.59
15	3213 - Electrical & Electronic Instruments	57	57	40	70.18
16	5215 - Power Plant Instrumentation	51	49	35	68.63
17	1003 - ENGINEERING PHYSICS-1	62	61	41	66.13
18	3219 - Analog Circuits Lab	57	51	36	63.16
19	3214 - Instrument Transducers	57	56	33	57.89
20	3212 - Digital Circuits	57	57	27	47.37
21	3211 - Analog Circuits	57	57	24	42.11
22	1002 - ENGINEERING MATHEMATICS-1	62	61	25	40.32

**39 Government Polytechnic College, Kunnampulam**

Subject	Registered	Appeared	Passed	Pass %
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**Tool & Die Engineering**

1	5117 - Press Tool Lab	47	47	47	100
2	1001 - ENGLISH FOR COMMUNICATION-1	63	62	62	98.41
3	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
4	1008 - COMPUTING FUNDAMENTALS	63	62	62	98.41
5	3118 - Tool Engineering Lab II	56	55	55	98.21
6	5119 - Moulds & Dies Drawing	47	46	46	97.87
7	5118 - Press Tool Drawing	47	47	44	93.62
8	3117 - Workshop Practice III	56	52	52	92.86
9	3119 - Metrology Lab	56	56	52	92.86
10	3112 - Tool Engineering Drawing	56	54	52	92.86
11	5113 - Plastic Moulding Technology	47	47	43	91.49
12	5022 - Industrial Engineering	47	47	42	89.36

13	1004 - ENGINEERING CHEMISTRY-1	63	62	55	87.3
14	5111 - Press Tool Technology	47	47	41	87.23
15	1003 - ENGINEERING PHYSICS-1	63	62	54	85.71
16	3001 - Environmental Science & Disaster Management	56	53	48	85.71
17	5001 - Industrial Management & Safety	47	47	38	80.85
18	1002 - ENGINEERING MATHEMATICS-1	63	62	44	69.84
19	3111 - Engineering Metrology	56	53	39	69.64
20	3021 - Electrical & Electronics Engg.	56	54	34	60.71
21	3022 - Fluid Mechanics & Pneumatics	56	54	20	35.71

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	37	37	37	100
2	1001 - ENGLISH FOR COMMUNICATION-1	60	60	60	100
3	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
4	1008 - COMPUTING FUNDAMENTALS	60	60	59	98.33
5	5132 - Project Management & Software Engineering	37	37	36	97.3
6	5136 - Information Security	37	37	36	97.3
7	5133 - Web Programming	37	37	35	94.59
8	5139 - Web Programming Lab	37	37	33	89.19
9	5137 - Computer Network Engineering Lab	37	37	33	89.19
10	3001 - Environmental Science & Disaster Management	47	47	41	87.23
11	1004 - ENGINEERING CHEMISTRY-1	60	60	50	83.33
12	3139 - Database Management System Lab	47	47	38	80.85
13	3137 - Objected Oriented Programming Lab	47	47	37	78.72
14	5131 - Microprocessor and Interfacing	37	36	29	78.38
15	3138 - Digital Computer Principles Lab	47	47	35	74.47
16	3134 - Objected Oriented Programming through C++	47	47	34	72.34
17	3132 - Database Management System	47	46	34	72.34
18	3131 - Computer Architecture	47	47	34	72.34
19	1003 - ENGINEERING PHYSICS-1	60	60	42	70
20	1002 - ENGINEERING MATHEMATICS-1	60	60	39	65
21	3133 - Digital Computer Principles	47	47	30	63.83
22	5138 - Microprocessor Lab	37	37	23	62.16

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	39	39	39	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
3	1001 - ENGLISH FOR COMMUNICATION-1	63	62	58	92.06
4	1008 - COMPUTING FUNDAMENTALS	63	61	57	90.48
5	5047 - PCB & Spice Lab	39	37	34	87.18
6	3001 - Environmental Science & Disaster Management	53	52	45	84.91
7	5209 - Digital Communication Lab	39	39	33	84.62
8	5041 - Embedded System	39	38	31	79.49
9	3049 - Analogue Communication Lab	53	48	41	77.36



10	1004 - ENGINEERING CHEMISTRY-1	63	62	48	76.19
11	1003 - ENGINEERING PHYSICS-1	63	62	47	74.6
12	5001 - Industrial Management & Safety	39	38	29	74.36
13	5049 - Embedded System Lab	39	35	29	74.36
14	3042 - Digital Electronics	53	52	38	71.7
15	3048 - Digital Electronics Lab	53	49	38	71.7
16	3047 - Electronics Circuits Lab	53	51	35	66.04
17	1002 - ENGINEERING MATHEMATICS-1	63	62	38	60.32
18	3041 - Communication Engineering	53	52	30	56.6
19	3043 - Electrical Technology	53	53	27	50.94
20	5201 - Digital Communication	39	39	19	48.72
21	3044 - Electronic Devices & Circuits	53	53	25	47.17
22	5045 - Optical Fibre Communication	39	38	16	41.03

**40 AKNSM Government Polytechnic College, Thirurangadi**

	Subject	Registered	Appeared	Passed	Pass %
<b>Electronics</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	1009 - HEALTH & PHYSICAL EDUCATION	51	50	50	98.04
3	5048 - Industrial Electronics & PLC Lab	43	40	38	88.37
4	1001 - ENGLISH FOR COMMUNICATION-1	51	46	44	86.27
5	1004 - ENGINEERING CHEMISTRY-1	51	50	40	78.43
6	1008 - COMPUTING FUNDAMENTALS	51	49	40	78.43
7	3048 - Digital Electronics Lab	50	47	39	78
8	3047 - Electronics Circuits Lab	50	49	39	78
9	3042 - Digital Electronics	50	50	39	78
10	3001 - Environmental Science & Disaster Management	50	47	39	78
11	5047 - PCB & Spice Lab	43	37	33	76.74
12	5049 - Embedded System Lab	43	33	32	74.42
13	5041 - Embedded System	43	42	32	74.42
14	3049 - Analogue Communication Lab	50	50	37	74
15	5044 - Medical Electronics	43	41	30	69.77
16	1003 - ENGINEERING PHYSICS-1	51	48	30	58.82
17	5042 - Industrial Electronics & PLC	43	38	25	58.14
18	5001 - Industrial Management & Safety	43	39	25	58.14
19	3044 - Electronic Devices & Circuits	50	50	27	54
20	3043 - Electrical Technology	50	49	24	48
21	1002 - ENGINEERING MATHEMATICS-1	51	48	24	47.06
22	3041 - Communication Engineering	50	49	22	44

**Computer Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	52	52	52	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	41	41	41	100

3	1001 - ENGLISH FOR COMMUNICATION-1	52	52	52	100
4	1008 - COMPUTING FUNDAMENTALS	52	52	52	100
5	1004 - ENGINEERING CHEMISTRY-1	52	52	51	98.08
6	3139 - Database Management System Lab	52	51	50	96.15
7	3138 - Digital Computer Principles Lab	52	51	49	94.23
8	3133 - Digital Computer Principles	52	51	48	92.31
9	3001 - Environmental Science & Disaster Management	52	51	47	90.38
10	5138 - Microprocessor Lab	41	37	37	90.24
11	3137 - Objected Oriented Programming Lab	52	51	45	86.54
12	5137 - Computer Network Engineering Lab	41	35	34	82.93
13	3132 - Database Management System	52	51	43	82.69
14	3131 - Computer Architecture	52	51	40	76.92
15	1003 - ENGINEERING PHYSICS-1	52	52	40	76.92
16	1002 - ENGINEERING MATHEMATICS-1	52	52	39	75
17	3134 - Objected Oriented Programming through C++	52	51	37	71.15
18	5139 - Web Programming Lab	41	34	29	70.73
19	5134 - Cloud Computing	41	39	28	68.29
20	5131 - Microprocessor and Interfacing	41	36	25	60.98
21	5133 - Web Programming	41	35	22	53.66
22	5132 - Project Management & Software Engineering	41	40	18	43.9

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	42	42	42	100
2	1009 - HEALTH & PHYSICAL EDUCATION	53	51	51	96.23
3	1001 - ENGLISH FOR COMMUNICATION-1	53	51	50	94.34
4	3001 - Environmental Science & Disaster Management	48	48	45	93.75
5	3049 - Analogue Communication Lab	48	48	44	91.67
6	1008 - COMPUTING FUNDAMENTALS	53	51	47	88.68
7	3047 - Electronics Circuits Lab	48	48	42	87.5
8	3048 - Digital Electronics Lab	48	47	41	85.42
9	1004 - ENGINEERING CHEMISTRY-1	53	51	45	84.91
10	3042 - Digital Electronics	48	48	36	75
11	5047 - PCB & Spice Lab	42	32	31	73.81
12	5209 - Digital Communication Lab	42	31	30	71.43
13	5049 - Embedded System Lab	42	32	29	69.05
14	3044 - Electronic Devices & Circuits	48	48	33	68.75
15	1002 - ENGINEERING MATHEMATICS-1	53	50	35	66.04
16	3041 - Communication Engineering	48	46	30	62.5
17	1003 - ENGINEERING PHYSICS-1	53	51	33	62.26
18	5041 - Embedded System	42	38	23	54.76
19	3043 - Electrical Technology	48	48	24	50
20	5001 - Industrial Management & Safety	42	32	21	50
21	5045 - Optical Fibre Communication	42	36	19	45.24

22	5201 - Digital Communication	42	35	17	40.48
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**41 Government Polytechnic College, Mattannur**

Subject	Registered	Appeared	Passed	Pass %
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**Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
2	5028 - Industrial Maintenance and Servicing Laboratory	56	55	55	98.21
3	5027 - CADD Lab I	56	55	55	98.21
4	5029 - Machine Shop Practice	56	55	55	98.21
5	3027 - Workshop Practice III	57	55	55	96.49
6	1009 - HEALTH & PHYSICAL EDUCATION	62	59	59	95.16
7	3029 - Fluid Mechanics Lab	57	55	54	94.74
8	3024 - Machine Drawing	57	57	54	94.74
9	1008 - COMPUTING FUNDAMENTALS	62	61	56	90.32
10	1001 - ENGLISH FOR COMMUNICATION-1	62	61	56	90.32
11	3028 - Electrical Technology Lab	57	55	49	85.96
12	3001 - Environmental Science & Disaster Management	57	54	46	80.7
13	1004 - ENGINEERING CHEMISTRY-1	62	61	50	80.65
14	5023 - Power Plant Engineering	56	55	45	80.36
15	5001 - Industrial Management & Safety	56	56	42	75
16	1003 - ENGINEERING PHYSICS-1	62	61	46	74.19
17	3023 - Manufacturing Process	57	57	40	70.18
18	1002 - ENGINEERING MATHEMATICS-1	62	61	43	69.35
19	5022 - Industrial Engineering	56	56	36	64.29
20	5021 - Design of Machine Elements	56	56	36	64.29
21	3021 - Electrical & Electronics Engg.	57	57	33	57.89
22	3022 - Fluid Mechanics & Pneumatics	57	57	26	45.61

**Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36
3	1008 - COMPUTING FUNDAMENTALS	61	60	56	91.8
4	1001 - ENGLISH FOR COMMUNICATION-1	61	60	55	90.16
5	3047 - Electronics Circuits Lab	50	47	44	88
6	3001 - Environmental Science & Disaster Management	50	50	44	88
7	5047 - PCB & Spice Lab	50	44	44	88
8	3048 - Digital Electronics Lab	50	47	42	84
9	3049 - Analogue Communication Lab	50	49	41	82
10	5049 - Embedded System Lab	50	44	39	78
11	5048 - Industrial Electronics & PLC Lab	50	40	39	78
12	1004 - ENGINEERING CHEMISTRY-1	61	60	47	77.05
13	5042 - Industrial Electronics & PLC	50	48	38	76
14	5044 - Medical Electronics	50	49	38	76

15	5041 - Embedded System	50	48	37	74
16	3042 - Digital Electronics	50	50	36	72
17	5001 - Industrial Management & Safety	50	49	36	72
18	3044 - Electronic Devices & Circuits	50	50	34	68
19	3043 - Electrical Technology	50	50	34	68
20	1002 - ENGINEERING MATHEMATICS-1	61	60	39	63.93
21	1003 - ENGINEERING PHYSICS-1	61	60	38	62.3
22	3041 - Communication Engineering	50	49	28	56

## Electronics & Instrumentation

### Instrument Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	5218 - Industrial Instruments Lab	49	47	47	95.92
3	1009 - HEALTH & PHYSICAL EDUCATION	62	59	58	93.55
4	3001 - Environmental Science & Disaster Management	58	58	54	93.1
5	5211 - Industrial Instruments II	49	48	45	91.84
6	1001 - ENGLISH FOR COMMUNICATION-1	62	59	56	90.32
7	3219 - Analog Circuits Lab	58	55	52	89.66
8	5219 - Calibration and Simulation Lab	49	45	43	87.76
9	3213 - Electrical & Electronic Instruments	58	58	49	84.48
10	3218 - Transducers and Measurements Lab	58	57	49	84.48
11	5214 - Optical Instrumentation	49	48	40	81.63
12	5212 - Process Control	49	48	40	81.63
13	3217 - Digital Circuits Lab	58	54	47	81.03
14	1008 - COMPUTING FUNDAMENTALS	62	59	50	80.65
15	5217 - Process Control Lab	49	44	38	77.55
16	3214 - Instrument Transducers	58	58	44	75.86
17	3212 - Digital Circuits	58	56	44	75.86
18	1004 - ENGINEERING CHEMISTRY-1	62	59	45	72.58
19	5001 - Industrial Management & Safety	49	48	34	69.39
20	3211 - Analog Circuits	58	58	40	68.97
21	1003 - ENGINEERING PHYSICS-1	62	59	35	56.45
22	1002 - ENGINEERING MATHEMATICS-1	62	58	28	45.16

## 42 Model Polytechnic College, Mattakkara

Subject	Registered	Appeared	Passed	Pass %
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### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	5138 - Microprocessor Lab	40	39	35	87.5
3	1009 - HEALTH & PHYSICAL EDUCATION	63	54	54	85.71
4	5137 - Computer Network Engineering Lab	40	38	31	77.5
5	1008 - COMPUTING FUNDAMENTALS	63	54	48	76.19

6	3138 - Digital Computer Principles Lab	49	35	30	61.22
7	3159 - Database and SQL Lab	49	33	28	57.14
8	5159 - Network Programming Lab	40	33	20	50
9	1001 - ENGLISH FOR COMMUNICATION-1	63	49	28	44.44
10	3137 - Objected Oriented Programming Lab	49	31	21	42.86
11	3001 - Environmental Science & Disaster Management	49	35	18	36.73
12	3131 - Computer Architecture	49	37	16	32.65
13	3133 - Digital Computer Principles	49	36	15	30.61
14	5132 - Project Management & Software Engineering	40	37	12	30
15	5151 - Computer Networks	40	38	11	27.5
16	1004 - ENGINEERING CHEMISTRY-1	63	56	12	19.05
17	5152 - Network Programming	40	36	7	17.5
18	3151 - Data Communication	49	37	8	16.33
19	5134 - Cloud Computing	40	38	5	12.5
20	3134 - Objected Oriented Programming through C++	49	36	6	12.24
21	1003 - ENGINEERING PHYSICS-1	63	57	5	7.94
22	1002 - ENGINEERING MATHEMATICS-1	63	50	2	3.17

### Applied Electronics

### Telecommunication Technology

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	57	57	57	100
2	5047 - PCB & Spice Lab	57	55	51	89.47
3	1009 - HEALTH & PHYSICAL EDUCATION	63	50	49	77.78
4	5049 - Embedded System Lab	57	54	41	71.93
5	3047 - Electronics Circuits Lab	34	34	24	70.59
6	3049 - Analogue Communication Lab	34	34	24	70.59
7	3048 - Digital Electronics Lab	34	34	21	61.76
8	1008 - COMPUTING FUNDAMENTALS	63	48	37	58.73
9	5048 - Industrial Electronics & PLC Lab	57	54	27	47.37
10	1001 - ENGLISH FOR COMMUNICATION-1	63	58	28	44.44
11	3001 - Environmental Science & Disaster Management	34	34	9	26.47
12	5045 - Optical Fibre Communication	57	54	15	26.32
13	5041 - Embedded System	57	55	14	24.56
14	3042 - Digital Electronics	34	34	8	23.53
15	1004 - ENGINEERING CHEMISTRY-1	63	52	14	22.22
16	5042 - Industrial Electronics & PLC	57	56	10	17.54
17	5001 - Industrial Management & Safety	57	53	10	17.54
18	1003 - ENGINEERING PHYSICS-1	63	57	8	12.7
19	3041 - Communication Engineering	34	33	3	8.82
20	3044 - Electronic Devices & Circuits	34	34	2	5.88
21	3043 - Electrical Technology	34	34	2	5.88

22	1002 - ENGINEERING MATHEMATICS-1	63	57	1	1.59
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**Electronics & Communication**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	1009 - HEALTH & PHYSICAL EDUCATION	51	49	49	96.08
3	1008 - COMPUTING FUNDAMENTALS	51	49	47	92.16
4	5047 - PCB & Spice Lab	40	39	34	85
5	5049 - Embedded System Lab	40	40	34	85
6	3049 - Analogue Communication Lab	41	41	34	82.93
7	3047 - Electronics Circuits Lab	41	41	31	75.61
8	5209 - Digital Communication Lab	40	39	30	75
9	3048 - Digital Electronics Lab	41	40	29	70.73
10	1001 - ENGLISH FOR COMMUNICATION-1	51	48	32	62.75
11	3001 - Environmental Science & Disaster Management	41	40	21	51.22
12	5045 - Optical Fibre Communication	40	40	19	47.5
13	1004 - ENGINEERING CHEMISTRY-1	51	50	21	41.18
14	5041 - Embedded System	40	34	15	37.5
15	5001 - Industrial Management & Safety	40	33	11	27.5
16	1003 - ENGINEERING PHYSICS-1	51	50	13	25.49
17	3044 - Electronic Devices & Circuits	41	40	10	24.39
18	3042 - Digital Electronics	41	41	10	24.39
19	5201 - Digital Communication	40	40	8	20
20	3041 - Communication Engineering	41	40	8	19.51
21	3043 - Electrical Technology	41	41	7	17.07
22	1002 - ENGINEERING MATHEMATICS-1	51	48	6	11.76

**43 Hassan Haji Memorial JDT Islam Polytechnic College, Kozhikode**

Subject	Registered	Appeared	Passed	Pass %
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**Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	60	60	95.24
3	1008 - COMPUTING FUNDAMENTALS	63	59	57	90.48
4	5042 - Industrial Electronics & PLC	47	44	38	80.85
5	5048 - Industrial Electronics & PLC Lab	47	43	37	78.72
6	5047 - PCB & Spice Lab	47	40	36	76.6
7	5049 - Embedded System Lab	47	44	36	76.6
8	3001 - Environmental Science & Disaster Management	54	53	41	75.93
9	3048 - Digital Electronics Lab	54	49	40	74.07
10	5041 - Embedded System	47	46	30	63.83
11	5001 - Industrial Management & Safety	47	47	30	63.83
12	1001 - ENGLISH FOR COMMUNICATION-1	63	61	39	61.9
13	1004 - ENGINEERING CHEMISTRY-1	63	61	38	60.32
14	3047 - Electronics Circuits Lab	54	48	32	59.26

15	3041 - Communication Engineering	54	52	28	51.85
16	3049 - Analogue Communication Lab	54	48	28	51.85
17	5044 - Medical Electronics	47	43	24	51.06
18	3042 - Digital Electronics	54	53	27	50
19	3044 - Electronic Devices & Circuits	54	51	26	48.15
20	1003 - ENGINEERING PHYSICS-1	63	61	23	36.51
21	3043 - Electrical Technology	54	50	18	33.33
22	1002 - ENGINEERING MATHEMATICS-1	63	61	18	28.57

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	60	60	95.24
3	3058 - Petrol Engine Service Lab	56	51	51	91.07
4	1008 - COMPUTING FUNDAMENTALS	63	58	55	87.3
5	1004 - ENGINEERING CHEMISTRY-1	63	62	54	85.71
6	5058 - Automobile Servicing Lab II	55	48	46	83.64
7	1001 - ENGLISH FOR COMMUNICATION-1	63	62	52	82.54
8	3057 - Manufacturing Lab I	56	51	45	80.36
9	5053 - Fuels and Combustion	55	52	42	76.36
10	5001 - Industrial Management & Safety	55	47	41	74.55
11	5059 - Automobile Engineering Lab	55	45	41	74.55
12	5052 - Automobile Transmission	55	49	30	54.55
13	3001 - Environmental Science & Disaster Management	56	51	30	53.57
14	3059 - Hydraulics Lab	56	47	29	51.79
15	1003 - ENGINEERING PHYSICS-1	63	62	32	50.79
16	3024 - Machine Drawing	56	53	28	50
17	5057 - CAD Lab - I	55	51	25	45.45
18	1002 - ENGINEERING MATHEMATICS-1	63	62	22	34.92
19	3052 - Production Process of Automobile Components	56	52	18	32.14
20	5051 - Automobile Design	55	49	15	27.27
21	3021 - Electrical & Electronics Engg.	56	54	9	16.07
22	3051 - Fluid Mechanics & Machinery	56	52	3	5.36

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	5137 - Computer Network Engineering Lab	51	51	50	98.04
3	5139 - Web Programming Lab	51	50	49	96.08
4	1008 - COMPUTING FUNDAMENTALS	62	58	58	93.55
5	3139 - Database Management System Lab	53	51	49	92.45
6	5138 - Microprocessor Lab	51	50	47	92.16
7	3138 - Digital Computer Principles Lab	53	49	48	90.57
8	1009 - HEALTH & PHYSICAL EDUCATION	62	57	56	90.32
9	5134 - Cloud Computing	51	51	46	90.2
10	3137 - Objected Oriented Programming Lab	53	51	47	88.68

11	1001 - ENGLISH FOR COMMUNICATION-1	62	58	53	85.48
12	3131 - Computer Architecture	53	51	44	83.02
13	1004 - ENGINEERING CHEMISTRY-1	62	58	51	82.26
14	3132 - Database Management System	53	50	42	79.25
15	3001 - Environmental Science & Disaster Management	53	51	42	79.25
16	1003 - ENGINEERING PHYSICS-1	62	58	44	70.97
17	5133 - Web Programming	51	51	36	70.59
18	3134 - Objected Oriented Programming through C++	53	51	37	69.81
19	5132 - Project Management & Software Engineering	51	51	34	66.67
20	3133 - Digital Computer Principles	53	51	33	62.26
21	1002 - ENGINEERING MATHEMATICS-1	62	58	37	59.68
22	5131 - Microprocessor and Interfacing	51	51	29	56.86

### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
2	5137 - Computer Network Engineering Lab	46	46	45	97.83
3	1009 - HEALTH & PHYSICAL EDUCATION	61	58	58	95.08
4	1008 - COMPUTING FUNDAMENTALS	61	59	57	93.44
5	5138 - Microprocessor Lab	46	45	41	89.13
6	5134 - Cloud Computing	46	45	38	82.61
7	5159 - Network Programming Lab	46	44	38	82.61
8	3137 - Objected Oriented Programming Lab	37	30	30	81.08
9	1004 - ENGINEERING CHEMISTRY-1	61	61	47	77.05
10	1001 - ENGLISH FOR COMMUNICATION-1	61	61	47	77.05
11	3131 - Computer Architecture	37	36	26	70.27
12	3159 - Database and SQL Lab	37	33	25	67.57
13	5132 - Project Management & Software Engineering	46	46	28	60.87
14	3133 - Digital Computer Principles	37	35	20	54.05
15	3001 - Environmental Science & Disaster Management	37	33	20	54.05
16	5151 - Computer Networks	46	46	24	52.17
17	3134 - Objected Oriented Programming through C++	37	35	17	45.95
18	3138 - Digital Computer Principles Lab	37	30	16	43.24
19	3151 - Data Communication	37	34	14	37.84
20	5152 - Network Programming	46	46	16	34.78
21	1003 - ENGINEERING PHYSICS-1	61	59	18	29.51
22	1002 - ENGINEERING MATHEMATICS-1	61	60	16	26.23

### Architecture

1	5009 - Industrial Training/Industrial Visit/Collaborative work	60	60	60	100
2	3189 - Model Making Workshop & Masonry Lab	57	57	57	100
3	1009 - HEALTH & PHYSICAL EDUCATION	63	60	60	95.24
4	1004 - ENGINEERING CHEMISTRY-1	63	61	59	93.65
5	1001 - ENGLISH FOR COMMUNICATION-1	63	61	57	90.48
6	3183 - Architectural Drawing I	57	53	51	89.47



7	1008 - COMPUTING FUNDAMENTALS	63	57	56	88.89
8	5189 - CAD Lab - II	60	57	52	86.67
9	3182 - Surveying for Architecture	57	57	47	82.46
10	3188 - Survey Practical	57	53	45	78.95
11	3181 - Climatography	57	57	44	77.19
12	3001 - Environmental Science & Disaster Management	57	56	43	75.44
13	5182 - Architectural Drawing III	60	55	45	75
14	1003 - ENGINEERING PHYSICS-1	63	61	43	68.25
15	5183 - Working Drawing II	60	57	40	66.67
16	5181 - History of Architecture II	60	57	38	63.33
17	1002 - ENGINEERING MATHEMATICS-1	63	59	38	60.32
18	3013 - Theory of Structures I	57	55	28	49.12
19	3011 - Construction Materials and Engineering	57	57	27	47.37
20	5015 - Structural Design I	60	54	28	46.67
21	5016 - Cost Effective Construction & Green Building	60	53	23	38.33
22	5012 - Construction Management & Safety Engineering	60	53	21	35

### Quantity Surveying & Construction Management

#### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
3	1001 - ENGLISH FOR COMMUNICATION-1	60	60	57	95
4	5029 - Machine Shop Practice	53	50	50	94.34
5	1008 - COMPUTING FUNDAMENTALS	60	58	55	91.67
6	5028 - Industrial Maintenance and Servicing Laboratory	53	48	48	90.57
7	5027 - CADD Lab I	53	48	47	88.68
8	3027 - Workshop Practice III	56	51	45	80.36
9	3029 - Fluid Mechanics Lab	56	51	45	80.36
10	3024 - Machine Drawing	56	52	43	76.79
11	3028 - Electrical Technology Lab	56	51	42	75
12	3001 - Environmental Science & Disaster Management	56	50	41	73.21
13	1004 - ENGINEERING CHEMISTRY-1	60	60	43	71.67
14	1003 - ENGINEERING PHYSICS-1	60	60	35	58.33
15	1002 - ENGINEERING MATHEMATICS-1	60	60	33	55
16	5022 - Industrial Engineering	53	53	28	52.83
17	5001 - Industrial Management & Safety	53	52	28	52.83
18	5023 - Power Plant Engineering	53	52	28	52.83
19	3021 - Electrical & Electronics Engg.	56	51	25	44.64
20	5021 - Design of Machine Elements	53	53	23	43.4
21	3023 - Manufacturing Process	56	52	24	42.86
22	3022 - Fluid Mechanics & Pneumatics	56	51	23	41.07

#### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	59	59	96.72
3	5038 - Electronics Lab	47	46	45	95.74
4	3037 - Electrical Workshop Practice	58	53	53	91.38
5	1008 - COMPUTING FUNDAMENTALS	61	57	55	90.16
6	5039 - A C Machines Lab I	47	43	41	87.23
7	1004 - ENGINEERING CHEMISTRY-1	61	60	52	85.25
8	5032 - Power Electronics	47	47	39	82.98
9	3039 - Electrical Measurements Lab	58	53	46	79.31
10	5031 - Induction Machines	47	47	37	78.72
11	1001 - ENGLISH FOR COMMUNICATION-1	61	59	48	78.69
12	3001 - Environmental Science & Disaster Management	58	55	39	67.24
13	3033 - Fundamentals of AC Systems	58	53	36	62.07
14	3032 - Electrical Measuring Instruments	58	55	33	56.9
15	3038 - Mechanical Engineering Lab	58	53	31	53.45
16	1003 - ENGINEERING PHYSICS-1	61	60	29	47.54
17	1002 - ENGINEERING MATHEMATICS-1	61	60	28	45.9
18	5034 - Electrical Engineering Materials	47	46	21	44.68
19	5001 - Industrial Management & Safety	47	46	21	44.68
20	3034 - Mechanical Engineering	58	52	24	41.38
21	3031 - Analog Devices & Circuits	58	55	24	41.38

### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
3	3019 - Construction Engg. Lab	59	58	56	94.92
4	3017 - Survey Practical II	59	59	55	93.22
5	3018 - Concrete Lab	59	59	55	93.22
6	5019 - Computer Application Lab	55	51	51	92.73
7	1008 - COMPUTING FUNDAMENTALS	63	57	56	88.89
8	1001 - ENGLISH FOR COMMUNICATION-1	63	63	56	88.89
9	3014 - Building Planning & Drawing	59	58	52	88.14
10	3011 - Construction Materials and Engineering	59	59	52	88.14
11	5018 - Geotechnical Engineering Lab	55	50	45	81.82
12	3001 - Environmental Science & Disaster Management	59	59	48	81.36
13	1004 - ENGINEERING CHEMISTRY-1	63	63	50	79.37
14	5013 - Geotechnical Engineering	55	55	42	76.36
15	5012 - Construction Management & Safety Engineering	55	53	42	76.36
16	3013 - Theory of Structures I	59	59	43	72.88
17	5015 - Structural Design I	55	55	40	72.73
18	5014 - Quantity Surveying II	55	53	33	60
19	5017 - Habitat Technology	55	54	33	60
20	3012 - Surveying II	59	56	31	52.54

21	1002 - ENGINEERING MATHEMATICS-1	63	63	32	50.79
22	1003 - ENGINEERING PHYSICS-1	63	63	32	50.79

**44 E.K.Nayanar Memorial Model Polytechnic College, Kalliasseri**

	Subject	Registered	Appeared	Passed	Pass %
<b>Computer Hardware Maintenance</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	5137 - Computer Network Engineering Lab	40	40	40	100
3	1009 - HEALTH & PHYSICAL EDUCATION	61	58	55	90.16
4	1008 - COMPUTING FUNDAMENTALS	61	58	53	86.89
5	5138 - Microprocessor Lab	40	37	33	82.5
6	1001 - ENGLISH FOR COMMUNICATION-1	61	59	46	75.41
7	3137 - Objected Oriented Programming Lab	54	52	40	74.07
8	3138 - Digital Computer Principles Lab	54	54	39	72.22
9	5159 - Network Programming Lab	40	37	27	67.5
10	3159 - Database and SQL Lab	54	53	36	66.67
11	3001 - Environmental Science & Disaster Management	54	51	30	55.56
12	3133 - Digital Computer Principles	54	53	27	50
13	3131 - Computer Architecture	54	54	24	44.44
14	1004 - ENGINEERING CHEMISTRY-1	61	59	27	44.26
15	5132 - Project Management & Software Engineering	40	40	13	32.5
16	5152 - Network Programming	40	39	9	22.5
17	1002 - ENGINEERING MATHEMATICS-1	61	59	13	21.31
18	3151 - Data Communication	54	54	11	20.37
19	5151 - Computer Networks	40	40	8	20
20	5136 - Information Security	40	40	8	20
21	1003 - ENGINEERING PHYSICS-1	61	59	11	18.03
22	3134 - Objected Oriented Programming through C++	54	53	5	9.26

**Medical Electronics**

**Telecommunication Technology**

**Bio-Medical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
3	3249 - PCB & Spice Lab	63	63	62	98.41
4	5049 - Embedded System Lab	58	57	57	98.28
5	5249 - Biomedical Instruments Lab	58	57	57	98.28
6	1001 - ENGLISH FOR COMMUNICATION-1	63	63	61	96.83
7	3047 - Electronics Circuits Lab	63	62	61	96.83
8	1008 - COMPUTING FUNDAMENTALS	63	63	61	96.83
9	5248 - Medical Electronics Lab	58	55	55	94.83
10	1004 - ENGINEERING CHEMISTRY-1	63	63	55	87.3

11	3048 - Digital Electronics Lab	63	62	54	85.71
12	3001 - Environmental Science & Disaster Management	63	63	52	82.54
13	3043 - Electrical Technology	63	63	49	77.78
14	3241 - Basic Medical Science	63	63	49	77.78
15	5001 - Industrial Management & Safety	58	58	45	77.59
16	5243 - Biomaterials and Prosthetic Devices	58	57	44	75.86
17	1003 - ENGINEERING PHYSICS-1	63	63	45	71.43
18	5041 - Embedded System	58	58	41	70.69
19	5241 - Therapeutic Equipments	58	58	40	68.97
20	3042 - Digital Electronics	63	63	39	61.9
21	1002 - ENGINEERING MATHEMATICS-1	63	63	35	55.56
22	3044 - Electronic Devices & Circuits	63	63	30	47.62

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	1008 - COMPUTING FUNDAMENTALS	62	59	57	91.94
3	3047 - Electronics Circuits Lab	57	54	48	84.21
4	1009 - HEALTH & PHYSICAL EDUCATION	62	59	51	82.26
5	5047 - PCB & Spice Lab	51	47	41	80.39
6	3048 - Digital Electronics Lab	57	53	45	78.95
7	1001 - ENGLISH FOR COMMUNICATION-1	62	61	46	74.19
8	5049 - Embedded System Lab	51	43	34	66.67
9	3001 - Environmental Science & Disaster Management	57	56	37	64.91
10	3042 - Digital Electronics	57	57	36	63.16
11	3049 - Analogue Communication Lab	57	47	35	61.4
12	5209 - Digital Communication Lab	51	43	31	60.78
13	3043 - Electrical Technology	57	56	33	57.89
14	1004 - ENGINEERING CHEMISTRY-1	62	61	33	53.23
15	5001 - Industrial Management & Safety	51	49	23	45.1
16	3044 - Electronic Devices & Circuits	57	57	22	38.6
17	5201 - Digital Communication	51	49	18	35.29
18	3041 - Communication Engineering	57	55	18	31.58
19	5045 - Optical Fibre Communication	51	49	16	31.37
20	5041 - Embedded System	51	50	16	31.37
21	1002 - ENGINEERING MATHEMATICS-1	62	61	15	24.19
22	1003 - ENGINEERING PHYSICS-1	62	61	15	24.19

### 45 Model Polytechnic College, Painavu

Subject	Registered	Appeared	Passed	Pass %
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### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	11	11	11	100
2	1008 - COMPUTING FUNDAMENTALS	10	10	10	100
3	3159 - Database and SQL Lab	12	11	11	91.67

4	5137 - Computer Network Engineering Lab	11	10	10	90.91
5	1009 - HEALTH & PHYSICAL EDUCATION	10	9	9	90
6	3001 - Environmental Science & Disaster Management	12	11	10	83.33
7	5159 - Network Programming Lab	11	9	9	81.82
8	3138 - Digital Computer Principles Lab	12	11	9	75
9	3133 - Digital Computer Principles	12	11	9	75
10	5138 - Microprocessor Lab	11	11	8	72.73
11	3137 - Objected Oriented Programming Lab	12	11	7	58.33
12	3131 - Computer Architecture	12	11	7	58.33
13	1001 - ENGLISH FOR COMMUNICATION-1	10	10	5	50
14	5152 - Network Programming	11	10	5	45.45
15	5136 - Information Security	11	11	5	45.45
16	1004 - ENGINEERING CHEMISTRY-1	10	10	3	30
17	3134 - Objected Oriented Programming through C++	12	11	3	25
18	5132 - Project Management & Software Engineering	11	10	2	18.18
19	5151 - Computer Networks	11	9	2	18.18
20	1002 - ENGINEERING MATHEMATICS-1	10	10	1	10
21	1003 - ENGINEERING PHYSICS-1	10	10	1	10
22	3151 - Data Communication	12	11	1	8.33

### Medical Electronics

### Telecommunication Technology

### Bio-Medical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	1009 - HEALTH & PHYSICAL EDUCATION	53	51	50	94.34
3	5049 - Embedded System Lab	43	39	39	90.7
4	1008 - COMPUTING FUNDAMENTALS	53	51	45	84.91
5	3249 - PCB & Spice Lab	53	47	45	84.91
6	5248 - Medical Electronics Lab	43	38	33	76.74
7	1001 - ENGLISH FOR COMMUNICATION-1	53	52	39	73.58
8	5249 - Biomedical Instruments Lab	43	38	30	69.77
9	5243 - Biomaterials and Prosthetic Devices	43	43	26	60.47
10	3048 - Digital Electronics Lab	53	44	30	56.6
11	5001 - Industrial Management & Safety	43	40	22	51.16
12	1004 - ENGINEERING CHEMISTRY-1	53	51	26	49.06
13	5041 - Embedded System	43	42	20	46.51
14	3047 - Electronics Circuits Lab	53	47	23	43.4
15	3001 - Environmental Science & Disaster Management	53	47	23	43.4
16	3241 - Basic Medical Science	53	47	18	33.96
17	3042 - Digital Electronics	53	48	18	33.96
18	5241 - Therapeutic Equipments	43	38	14	32.56
19	3043 - Electrical Technology	53	45	13	24.53

20	1003 - ENGINEERING PHYSICS-1	53	50	12	22.64
21	1002 - ENGINEERING MATHEMATICS-1	53	51	6	11.32
22	3044 - Electronic Devices & Circuits	53	47	5	9.43

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	22	22	22	100
2	1009 - HEALTH & PHYSICAL EDUCATION	12	12	12	100
3	1008 - COMPUTING FUNDAMENTALS	12	12	12	100
4	5209 - Digital Communication Lab	22	16	15	68.18
5	5047 - PCB & Spice Lab	22	14	12	54.55
6	5049 - Embedded System Lab	22	13	12	54.55
7	1001 - ENGLISH FOR COMMUNICATION-1	12	12	6	50
8	3048 - Digital Electronics Lab	17	10	8	47.06
9	3049 - Analogue Communication Lab	17	8	8	47.06
10	3001 - Environmental Science & Disaster Management	17	17	8	47.06
11	3047 - Electronics Circuits Lab	17	6	6	35.29
12	5045 - Optical Fibre Communication	22	21	6	27.27
13	1004 - ENGINEERING CHEMISTRY-1	12	12	3	25
14	3043 - Electrical Technology	17	16	4	23.53
15	3042 - Digital Electronics	17	15	3	17.65
16	5041 - Embedded System	22	17	3	13.64
17	5001 - Industrial Management & Safety	22	14	3	13.64
18	3044 - Electronic Devices & Circuits	17	15	1	5.88
19	3041 - Communication Engineering	17	14	1	5.88
20	5201 - Digital Communication	22	18	1	4.55
21	1002 - ENGINEERING MATHEMATICS-1	12	12	0	0
22	1003 - ENGINEERING PHYSICS-1	12	12	0	0

### 46 Model Polytechnic College, Karunagappally

Subject	Registered	Appeared	Passed	Pass %
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### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	31	31	31	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	58	58	95.08
3	3138 - Digital Computer Principles Lab	42	38	34	80.95
4	1008 - COMPUTING FUNDAMENTALS	61	59	49	80.33
5	3159 - Database and SQL Lab	42	41	31	73.81
6	3137 - Objected Oriented Programming Lab	42	38	31	73.81
7	5137 - Computer Network Engineering Lab	31	22	22	70.97
8	1001 - ENGLISH FOR COMMUNICATION-1	61	57	41	67.21
9	5159 - Network Programming Lab	31	22	19	61.29
10	5138 - Microprocessor Lab	31	21	19	61.29
11	3133 - Digital Computer Principles	42	38	20	47.62
12	3131 - Computer Architecture	42	35	18	42.86

13	3001 - Environmental Science & Disaster Management	42	38	16	38.1
14	5134 - Cloud Computing	31	22	11	35.48
15	5151 - Computer Networks	31	18	11	35.48
16	5132 - Project Management & Software Engineering	31	17	9	29.03
17	1004 - ENGINEERING CHEMISTRY-1	61	59	14	22.95
18	5152 - Network Programming	31	15	7	22.58
19	3151 - Data Communication	42	37	8	19.05
20	3134 - Objected Oriented Programming through C++	42	37	7	16.67
21	1003 - ENGINEERING PHYSICS-1	61	58	8	13.11
22	1002 - ENGINEERING MATHEMATICS-1	61	59	5	8.2

### Applied Electronics

### Telecommunication Technology

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	34	34	34	100
2	5209 - Digital Communication Lab	34	30	30	88.24
3	1009 - HEALTH & PHYSICAL EDUCATION	62	53	53	85.48
4	5049 - Embedded System Lab	34	30	29	85.29
5	3049 - Analogue Communication Lab	39	29	29	74.36
6	1008 - COMPUTING FUNDAMENTALS	62	55	46	74.19
7	5047 - PCB & Spice Lab	34	29	25	73.53
8	3048 - Digital Electronics Lab	39	30	28	71.79
9	3047 - Electronics Circuits Lab	39	31	28	71.79
10	1001 - ENGLISH FOR COMMUNICATION-1	62	60	37	59.68
11	3042 - Digital Electronics	39	23	15	38.46
12	5001 - Industrial Management & Safety	34	32	13	38.24
13	3044 - Electronic Devices & Circuits	39	29	14	35.9
14	3041 - Communication Engineering	39	28	14	35.9
15	5041 - Embedded System	34	32	11	32.35
16	3001 - Environmental Science & Disaster Management	39	22	12	30.77
17	5045 - Optical Fibre Communication	34	30	10	29.41
18	1004 - ENGINEERING CHEMISTRY-1	62	59	15	24.19
19	5201 - Digital Communication	34	27	8	23.53
20	3043 - Electrical Technology	39	28	7	17.95
21	1002 - ENGINEERING MATHEMATICS-1	62	60	11	17.74
22	1003 - ENGINEERING PHYSICS-1	62	59	9	14.52

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	59	59	95.16
3	5049 - Embedded System Lab	40	37	37	92.5
4	5048 - Industrial Electronics & PLC Lab	40	36	36	90

5	1008 - COMPUTING FUNDAMENTALS	62	60	54	87.1
6	5047 - PCB & Spice Lab	40	37	32	80
7	3049 - Analogue Communication Lab	51	35	35	68.63
8	5041 - Embedded System	40	37	27	67.5
9	5001 - Industrial Management & Safety	40	37	26	65
10	3048 - Digital Electronics Lab	51	37	33	64.71
11	3047 - Electronics Circuits Lab	51	37	32	62.75
12	5045 - Optical Fibre Communication	40	37	24	60
13	1001 - ENGLISH FOR COMMUNICATION-1	62	60	32	51.61
14	5042 - Industrial Electronics & PLC	40	37	17	42.5
15	3044 - Electronic Devices & Circuits	51	32	19	37.25
16	3041 - Communication Engineering	51	35	19	37.25
17	3042 - Digital Electronics	51	27	14	27.45
18	1004 - ENGINEERING CHEMISTRY-1	62	60	16	25.81
19	1003 - ENGINEERING PHYSICS-1	62	60	14	22.58
20	3001 - Environmental Science & Disaster Management	51	17	11	21.57
21	3043 - Electrical Technology	51	29	9	17.65
22	1002 - ENGINEERING MATHEMATICS-1	62	60	7	11.29

**47 Government Polytechnic College, Thrikkariapur**

Subject	Registered	Appeared	Passed	Pass %
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**Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	35	35	35	100
2	5048 - Industrial Electronics & PLC Lab	35	35	35	100
3	3049 - Analogue Communication Lab	37	36	36	97.3
4	5047 - PCB & Spice Lab	35	34	34	97.14
5	5049 - Embedded System Lab	35	34	34	97.14
6	3047 - Electronics Circuits Lab	37	35	35	94.59
7	1009 - HEALTH & PHYSICAL EDUCATION	59	52	52	88.14
8	1008 - COMPUTING FUNDAMENTALS	59	53	49	83.05
9	3048 - Digital Electronics Lab	37	33	28	75.68
10	3001 - Environmental Science & Disaster Management	37	37	23	62.16
11	3042 - Digital Electronics	37	36	22	59.46
12	1001 - ENGLISH FOR COMMUNICATION-1	59	53	32	54.24
13	5041 - Embedded System	35	32	17	48.57
14	1004 - ENGINEERING CHEMISTRY-1	59	53	26	44.07
15	5042 - Industrial Electronics & PLC	35	35	14	40
16	5045 - Optical Fibre Communication	35	33	13	37.14
17	3041 - Communication Engineering	37	36	13	35.14
18	5001 - Industrial Management & Safety	35	32	11	31.43
19	1003 - ENGINEERING PHYSICS-1	59	53	18	30.51
20	3044 - Electronic Devices & Circuits	37	37	11	29.73
21	1002 - ENGINEERING MATHEMATICS-1	59	53	14	23.73



22	3043 - Electrical Technology	37	36	7	18.92
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### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	37	37	37	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	56	56	91.8
3	3139 - Database Management System Lab	48	46	44	91.67
4	3138 - Digital Computer Principles Lab	48	43	43	89.58
5	1008 - COMPUTING FUNDAMENTALS	61	55	52	85.25
6	5137 - Computer Network Engineering Lab	37	34	31	83.78
7	3001 - Environmental Science & Disaster Management	48	45	39	81.25
8	5139 - Web Programming Lab	37	34	29	78.38
9	5138 - Microprocessor Lab	37	35	29	78.38
10	5133 - Web Programming	37	33	26	70.27
11	3133 - Digital Computer Principles	48	48	33	68.75
12	3132 - Database Management System	48	47	33	68.75
13	5132 - Project Management & Software Engineering	37	35	25	67.57
14	5131 - Microprocessor and Interfacing	37	34	24	64.86
15	3131 - Computer Architecture	48	45	28	58.33
16	1001 - ENGLISH FOR COMMUNICATION-1	61	55	32	52.46
17	3137 - Objected Oriented Programming Lab	48	43	25	52.08
18	5136 - Information Security	37	36	18	48.65
19	1004 - ENGINEERING CHEMISTRY-1	61	56	29	47.54
20	3134 - Objected Oriented Programming through C++	48	45	22	45.83
21	1002 - ENGINEERING MATHEMATICS-1	61	53	25	40.98
22	1003 - ENGINEERING PHYSICS-1	61	55	19	31.15

### Computer Application & Business Management

1	5255 - Service Centre Management	24	24	24	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	24	24	24	100
3	3143 - Mercantile Law	32	32	31	96.88
4	3258 - Office Automation Software	32	31	31	96.88
5	3259 - Basics of Computer Hardware & Networking	32	31	31	96.88
6	5259 - Visual Programming Lab	24	23	23	95.83
7	5253 - Retail Business Operations	24	24	23	95.83
8	5254 - Visual Programming	24	24	22	91.67
9	5252 - Non-Banking Financial Operations	24	24	21	87.5
10	3252 - Marketing Management	32	32	27	84.38
11	5251 - Event Management	24	24	20	83.33
12	1008 - COMPUTING FUNDAMENTALS	36	27	27	75
13	1259 - TALLY-1	36	26	26	72.22
14	1009 - HEALTH & PHYSICAL EDUCATION	36	26	26	72.22
15	1251 - BASIC ACCOUNTING	36	27	24	66.67
16	3251 - Entrepreneurship Development	32	32	21	65.63
17	3001 - Environmental Science & Disaster Management	32	32	20	62.5

18	1001 - ENGLISH FOR COMMUNICATION-1	36	27	19	52.78
19	1143 - ECONIMICS	36	27	17	47.22
20	3253 - Quantitative Techniques	32	32	14	43.75
21	1142 - BUSINESS STUDIES	36	27	11	30.56
22	1252 - FOUNDATIONS IN SCIENCE & TECHNOLOGY	36	18	8	22.22

### Bio-Medical Engineering

1	5249 - Biomedical Instruments Lab	48	48	48	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
3	5049 - Embedded System Lab	48	48	47	97.92
4	5248 - Medical Electronics Lab	48	48	47	97.92
5	1009 - HEALTH & PHYSICAL EDUCATION	58	52	52	89.66
6	1008 - COMPUTING FUNDAMENTALS	58	52	52	89.66
7	3249 - PCB & Spice Lab	49	47	43	87.76
8	3047 - Electronics Circuits Lab	49	44	43	87.76
9	5041 - Embedded System	48	48	41	85.42
10	5243 - Biomaterials and Prosthetic Devices	48	48	40	83.33
11	3241 - Basic Medical Science	49	48	38	77.55
12	3001 - Environmental Science & Disaster Management	49	48	38	77.55
13	5241 - Therapeutic Equipments	48	48	37	77.08
14	3048 - Digital Electronics Lab	49	46	33	67.35
15	3042 - Digital Electronics	49	48	33	67.35
16	1001 - ENGLISH FOR COMMUNICATION-1	58	53	39	67.24
17	5001 - Industrial Management & Safety	48	48	31	64.58
18	1003 - ENGINEERING PHYSICS-1	58	53	30	51.72
19	1004 - ENGINEERING CHEMISTRY-1	58	53	30	51.72
20	1002 - ENGINEERING MATHEMATICS-1	58	52	29	50
21	3044 - Electronic Devices & Circuits	49	48	23	46.94
22	3043 - Electrical Technology	49	48	15	30.61

### 48 Government Polytechnic College, Vandiperiyar

Subject	Registered	Appeared	Passed	Pass %
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### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	16	16	16	100
2	1009 - HEALTH & PHYSICAL EDUCATION	62	62	62	100
3	5049 - Embedded System Lab	16	16	15	93.75
4	3047 - Electronics Circuits Lab	31	30	29	93.55
5	3049 - Analogue Communication Lab	31	31	29	93.55
6	5047 - PCB & Spice Lab	16	14	14	87.5
7	3048 - Digital Electronics Lab	31	29	27	87.1
8	1001 - ENGLISH FOR COMMUNICATION-1	62	62	54	87.1
9	5048 - Industrial Electronics & PLC Lab	16	14	12	75
10	1004 - ENGINEERING CHEMISTRY-1	62	62	46	74.19

11	1003 - ENGINEERING PHYSICS-1	62	62	44	70.97
12	5042 - Industrial Electronics & PLC	16	16	9	56.25
13	5001 - Industrial Management & Safety	16	16	9	56.25
14	1002 - ENGINEERING MATHEMATICS-1	62	62	30	48.39
15	5041 - Embedded System	16	16	6	37.5
16	3001 - Environmental Science & Disaster Management	31	29	9	29.03
17	5044 - Medical Electronics	16	16	4	25
18	1008 - COMPUTING FUNDAMENTALS	62	62	13	20.97
19	3043 - Electrical Technology	31	29	4	12.9
20	3041 - Communication Engineering	31	30	4	12.9
21	3044 - Electronic Devices & Circuits	31	30	3	9.68
22	3042 - Digital Electronics	31	29	2	6.45

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	22	22	22	100
2	1009 - HEALTH & PHYSICAL EDUCATION	56	52	52	92.86
3	1008 - COMPUTING FUNDAMENTALS	56	54	49	87.5
4	5138 - Microprocessor Lab	22	22	19	86.36
5	3138 - Digital Computer Principles Lab	27	25	23	85.19
6	1001 - ENGLISH FOR COMMUNICATION-1	56	54	42	75
7	5139 - Web Programming Lab	22	21	16	72.73
8	5137 - Computer Network Engineering Lab	22	21	16	72.73
9	3131 - Computer Architecture	27	25	18	66.67
10	3139 - Database Management System Lab	27	24	17	62.96
11	3132 - Database Management System	27	26	16	59.26
12	5131 - Microprocessor and Interfacing	22	16	13	59.09
13	3137 - Objected Oriented Programming Lab	27	26	15	55.56
14	5134 - Cloud Computing	22	21	12	54.55
15	1004 - ENGINEERING CHEMISTRY-1	56	54	30	53.57
16	3001 - Environmental Science & Disaster Management	27	26	14	51.85
17	3133 - Digital Computer Principles	27	27	11	40.74
18	1003 - ENGINEERING PHYSICS-1	56	54	18	32.14
19	5133 - Web Programming	22	21	7	31.82
20	3134 - Objected Oriented Programming through C++	27	24	8	29.63
21	1002 - ENGINEERING MATHEMATICS-1	56	53	15	26.79
22	5132 - Project Management & Software Engineering	22	19	3	13.64

### Computer Application & Business Management

1	5009 - Industrial Training/Industrial Visit/Collaborative work	18	18	18	100
2	3258 - Office Automation Software	33	32	32	96.97
3	3259 - Basics of Computer Hardware & Networking	33	32	30	90.91
4	1009 - HEALTH & PHYSICAL EDUCATION	41	36	36	87.8
5	1008 - COMPUTING FUNDAMENTALS	41	35	34	82.93
6	1259 - TALLY-1	41	36	32	78.05

7	5253 - Retail Business Operations	18	18	14	77.78
8	5255 - Service Centre Management	18	18	14	77.78
9	5259 - Visual Programming Lab	18	16	14	77.78
10	5254 - Visual Programming	18	18	12	66.67
11	5252 - Non-Banking Financial Operations	18	18	11	61.11
12	3001 - Environmental Science & Disaster Management	33	32	18	54.55
13	3143 - Mercantile Law	33	32	17	51.52
14	1001 - ENGLISH FOR COMMUNICATION-1	41	36	17	41.46
15	3251 - Entrepreneurship Development	33	32	13	39.39
16	1143 - ECONIMICS	41	36	16	39.02
17	1251 - BASIC ACCOUNTING	41	36	15	36.59
18	3253 - Quantitative Techniques	33	32	12	36.36
19	3252 - Marketing Management	33	32	11	33.33
20	5251 - Event Management	18	18	5	27.78
21	1142 - BUSINESS STUDIES	41	34	10	24.39
22	1252 - FOUNDATIONS IN SCIENCE & TECHNOLOGY	41	29	9	21.95

#### 49 Government Polytechnic College, Vechoochira

	Subject	Registered	Appeared	Passed	Pass %
<b>Electronics</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	36	36	36	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	58	58	92.06
3	3048 - Digital Electronics Lab	50	45	41	82
4	3047 - Electronics Circuits Lab	50	43	40	80
5	3049 - Analogue Communication Lab	50	42	37	74
6	1008 - COMPUTING FUNDAMENTALS	63	57	46	73.02
7	1001 - ENGLISH FOR COMMUNICATION-1	63	60	39	61.9
8	5048 - Industrial Electronics & PLC Lab	36	25	22	61.11
9	5047 - PCB & Spice Lab	36	20	20	55.56
10	5049 - Embedded System Lab	36	24	20	55.56
11	3042 - Digital Electronics	50	46	19	38
12	3001 - Environmental Science & Disaster Management	50	44	16	32
13	5041 - Embedded System	36	35	11	30.56
14	1004 - ENGINEERING CHEMISTRY-1	63	56	13	20.63
15	1003 - ENGINEERING PHYSICS-1	63	59	12	19.05
16	5044 - Medical Electronics	36	31	5	13.89
17	5001 - Industrial Management & Safety	36	31	4	11.11
18	1002 - ENGINEERING MATHEMATICS-1	63	60	6	9.52
19	5042 - Industrial Electronics & PLC	36	31	3	8.33
20	3044 - Electronic Devices & Circuits	50	26	4	8
21	3041 - Communication Engineering	50	42	4	8
22	3043 - Electrical Technology	50	45	2	4

## Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	34	34	34	100
2	1009 - HEALTH & PHYSICAL EDUCATION	59	50	50	84.75
3	3137 - Objected Oriented Programming Lab	41	36	27	65.85
4	1001 - ENGLISH FOR COMMUNICATION-1	59	47	34	57.63
5	3001 - Environmental Science & Disaster Management	41	39	22	53.66
6	3138 - Digital Computer Principles Lab	41	35	19	46.34
7	3139 - Database Management System Lab	41	24	18	43.9
8	5137 - Computer Network Engineering Lab	34	15	14	41.18
9	1008 - COMPUTING FUNDAMENTALS	59	41	22	37.29
10	5138 - Microprocessor Lab	34	21	11	32.35
11	3132 - Database Management System	41	40	13	31.71
12	5139 - Web Programming Lab	34	16	10	29.41
13	3131 - Computer Architecture	41	40	12	29.27
14	1003 - ENGINEERING PHYSICS-1	59	51	11	18.64
15	1004 - ENGINEERING CHEMISTRY-1	59	48	10	16.95
16	1002 - ENGINEERING MATHEMATICS-1	59	50	6	10.17
17	3134 - Objected Oriented Programming through C++	41	39	4	9.76
18	5131 - Microprocessor and Interfacing	34	28	3	8.82
19	5133 - Web Programming	34	33	3	8.82
20	5132 - Project Management & Software Engineering	34	30	3	8.82
21	5134 - Cloud Computing	34	33	3	8.82
22	3133 - Digital Computer Principles	41	10	0	0

## Bio-Medical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	55	55	90.16
3	5049 - Embedded System Lab	47	46	42	89.36
4	3249 - PCB & Spice Lab	53	49	46	86.79
5	3047 - Electronics Circuits Lab	53	47	43	81.13
6	3001 - Environmental Science & Disaster Management	53	52	38	71.7
7	1001 - ENGLISH FOR COMMUNICATION-1	61	59	42	68.85
8	3048 - Digital Electronics Lab	53	40	35	66.04
9	5248 - Medical Electronics Lab	47	45	31	65.96
10	3042 - Digital Electronics	53	51	34	64.15
11	5249 - Biomedical Instruments Lab	47	42	29	61.7
12	1008 - COMPUTING FUNDAMENTALS	61	52	35	57.38
13	3241 - Basic Medical Science	53	51	26	49.06
14	5243 - Biomaterials and Prosthetic Devices	47	45	21	44.68
15	5001 - Industrial Management & Safety	47	36	21	44.68
16	3044 - Electronic Devices & Circuits	53	46	23	43.4
17	1004 - ENGINEERING CHEMISTRY-1	61	58	25	40.98
18	5241 - Therapeutic Equipments	47	42	19	40.43

19	5041 - Embedded System	47	41	18	38.3
20	1003 - ENGINEERING PHYSICS-1	61	59	22	36.07
21	3043 - Electrical Technology	53	51	16	30.19
22	1002 - ENGINEERING MATHEMATICS-1	61	59	13	21.31

**50 Government Polytechnic College, Punalur**

Subject	Registered	Appeared	Passed	Pass %
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**Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	55	55	90.16
3	1008 - COMPUTING FUNDAMENTALS	61	55	52	85.25
4	5048 - Industrial Electronics & PLC Lab	58	48	45	77.59
5	3048 - Digital Electronics Lab	57	48	43	75.44
6	5047 - PCB & Spice Lab	58	43	43	74.14
7	1001 - ENGLISH FOR COMMUNICATION-1	61	53	44	72.13
8	5049 - Embedded System Lab	58	46	40	68.97
9	3047 - Electronics Circuits Lab	57	46	38	66.67
10	3049 - Analogue Communication Lab	57	51	35	61.4
11	5044 - Medical Electronics	58	49	34	58.62
12	3001 - Environmental Science & Disaster Management	57	53	32	56.14
13	5042 - Industrial Electronics & PLC	58	53	30	51.72
14	5001 - Industrial Management & Safety	58	53	30	51.72
15	1004 - ENGINEERING CHEMISTRY-1	61	57	29	47.54
16	5041 - Embedded System	58	51	23	39.66
17	3044 - Electronic Devices & Circuits	57	53	19	33.33
18	1003 - ENGINEERING PHYSICS-1	61	57	19	31.15
19	3042 - Digital Electronics	57	52	17	29.82
20	3043 - Electrical Technology	57	53	16	28.07
21	1002 - ENGINEERING MATHEMATICS-1	61	57	14	22.95
22	3041 - Communication Engineering	57	52	13	22.81

**Computer Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	54	54	54	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	61	61	100
3	1008 - COMPUTING FUNDAMENTALS	61	60	56	91.8
4	5137 - Computer Network Engineering Lab	54	50	49	90.74
5	1001 - ENGLISH FOR COMMUNICATION-1	61	61	55	90.16
6	3139 - Database Management System Lab	52	45	41	78.85
7	5138 - Microprocessor Lab	54	45	42	77.78
8	5139 - Web Programming Lab	54	46	40	74.07
9	3137 - Objected Oriented Programming Lab	52	44	38	73.08
10	3138 - Digital Computer Principles Lab	52	41	36	69.23
11	3001 - Environmental Science & Disaster Management	52	51	29	55.77

12	5135 - Ethical Hacking	54	51	30	55.56
13	1003 - ENGINEERING PHYSICS-1	61	61	33	54.1
14	1004 - ENGINEERING CHEMISTRY-1	61	60	32	52.46
15	5131 - Microprocessor and Interfacing	54	50	28	51.85
16	5132 - Project Management & Software Engineering	54	49	26	48.15
17	5133 - Web Programming	54	49	26	48.15
18	3132 - Database Management System	52	51	25	48.08
19	3134 - Objected Oriented Programming through C++	52	51	22	42.31
20	3131 - Computer Architecture	52	47	20	38.46
21	1002 - ENGINEERING MATHEMATICS-1	61	61	19	31.15
22	3133 - Digital Computer Principles	52	50	16	30.77

### Computer Application & Business Management

#### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	57	57	57	100
2	1009 - HEALTH & PHYSICAL EDUCATION	59	56	55	93.22
3	1001 - ENGLISH FOR COMMUNICATION-1	59	57	53	89.83
4	1008 - COMPUTING FUNDAMENTALS	59	57	52	88.14
5	3039 - Electrical Measurements Lab	52	48	38	73.08
6	3037 - Electrical Workshop Practice	52	49	37	71.15
7	3038 - Mechanical Engineering Lab	52	45	37	71.15
8	1003 - ENGINEERING PHYSICS-1	59	57	39	66.1
9	3001 - Environmental Science & Disaster Management	52	50	32	61.54
10	5039 - A C Machines Lab I	57	42	35	61.4
11	1004 - ENGINEERING CHEMISTRY-1	59	56	36	61.02
12	5038 - Electronics Lab	57	41	34	59.65
13	5001 - Industrial Management & Safety	57	40	30	52.63
14	5034 - Electrical Engineering Materials	57	44	29	50.88
15	5031 - Induction Machines	57	44	27	47.37
16	1002 - ENGINEERING MATHEMATICS-1	59	57	25	42.37
17	5032 - Power Electronics	57	44	24	42.11
18	3033 - Fundamentals of AC Systems	52	51	20	38.46
19	3031 - Analog Devices & Circuits	52	51	20	38.46
20	3032 - Electrical Measuring Instruments	52	50	20	38.46
21	3034 - Mechanical Engineering	52	51	19	36.54

#### 51 Government Polytechnic College, Mepadi

Subject	Registered	Appeared	Passed	Pass %
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#### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	32	32	32	100
2	5048 - Industrial Electronics & PLC Lab	32	32	30	93.75
3	5049 - Embedded System Lab	32	31	30	93.75

4	5047 - PCB & Spice Lab	32	28	27	84.38
5	1009 - HEALTH & PHYSICAL EDUCATION	55	42	42	76.36
6	3049 - Analogue Communication Lab	29	26	21	72.41
7	3047 - Electronics Circuits Lab	29	23	18	62.07
8	3048 - Digital Electronics Lab	29	19	17	58.62
9	3001 - Environmental Science & Disaster Management	29	23	16	55.17
10	5041 - Embedded System	32	32	17	53.13
11	1001 - ENGLISH FOR COMMUNICATION-1	55	50	29	52.73
12	5042 - Industrial Electronics & PLC	32	26	16	50
13	5045 - Optical Fibre Communication	32	32	13	40.63
14	1008 - COMPUTING FUNDAMENTALS	55	38	22	40
15	1004 - ENGINEERING CHEMISTRY-1	55	50	22	40
16	3042 - Digital Electronics	29	28	11	37.93
17	3041 - Communication Engineering	29	29	10	34.48
18	5001 - Industrial Management & Safety	32	28	10	31.25
19	1003 - ENGINEERING PHYSICS-1	55	50	16	29.09
20	1002 - ENGINEERING MATHEMATICS-1	55	49	15	27.27
21	3044 - Electronic Devices & Circuits	29	29	5	17.24
22	3043 - Electrical Technology	29	27	5	17.24

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	38	38	38	100
2	1009 - HEALTH & PHYSICAL EDUCATION	51	46	46	90.2
3	5137 - Computer Network Engineering Lab	38	37	32	84.21
4	3138 - Digital Computer Principles Lab	30	27	25	83.33
5	1008 - COMPUTING FUNDAMENTALS	51	47	42	82.35
6	3001 - Environmental Science & Disaster Management	30	30	23	76.67
7	3133 - Digital Computer Principles	30	30	21	70
8	3137 - Objected Oriented Programming Lab	30	30	20	66.67
9	1001 - ENGLISH FOR COMMUNICATION-1	51	48	34	66.67
10	5138 - Microprocessor Lab	38	38	25	65.79
11	5133 - Web Programming	38	37	23	60.53
12	5131 - Microprocessor and Interfacing	38	36	22	57.89
13	5132 - Project Management & Software Engineering	38	38	22	57.89
14	5139 - Web Programming Lab	38	38	22	57.89
15	3134 - Objected Oriented Programming through C++	30	30	17	56.67
16	3131 - Computer Architecture	30	30	16	53.33
17	1004 - ENGINEERING CHEMISTRY-1	51	48	26	50.98
18	5136 - Information Security	38	38	19	50
19	3139 - Database Management System Lab	30	27	14	46.67
20	1003 - ENGINEERING PHYSICS-1	51	48	23	45.1
21	3132 - Database Management System	30	29	11	36.67
22	1002 - ENGINEERING MATHEMATICS-1	51	48	18	35.29



## Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	32	32	32	100
2	1009 - HEALTH & PHYSICAL EDUCATION	51	46	46	90.2
3	5138 - Microprocessor Lab	32	28	27	84.38
4	3159 - Database and SQL Lab	31	29	25	80.65
5	3137 - Objected Oriented Programming Lab	31	27	24	77.42
6	3138 - Digital Computer Principles Lab	31	29	22	70.97
7	1001 - ENGLISH FOR COMMUNICATION-1	51	48	33	64.71
8	5159 - Network Programming Lab	32	29	19	59.38
9	3131 - Computer Architecture	31	29	18	58.06
10	1008 - COMPUTING FUNDAMENTALS	51	49	29	56.86
11	3001 - Environmental Science & Disaster Management	31	27	16	51.61
12	5134 - Cloud Computing	32	31	16	50
13	1004 - ENGINEERING CHEMISTRY-1	51	49	24	47.06
14	5132 - Project Management & Software Engineering	32	31	15	46.88
15	3133 - Digital Computer Principles	31	27	13	41.94
16	5137 - Computer Network Engineering Lab	32	26	13	40.63
17	3151 - Data Communication	31	30	12	38.71
18	5151 - Computer Networks	32	26	11	34.38
19	3134 - Objected Oriented Programming through C++	31	29	10	32.26
20	1003 - ENGINEERING PHYSICS-1	51	49	16	31.37
21	5152 - Network Programming	32	23	9	28.13
22	1002 - ENGINEERING MATHEMATICS-1	51	49	11	21.57

## 52 Government Polytechnic College, Chelakkara

Subject	Registered	Appeared	Passed	Pass %
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## Electronics

1	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
3	1008 - COMPUTING FUNDAMENTALS	63	63	63	100
4	5047 - PCB & Spice Lab	44	42	42	95.45
5	1001 - ENGLISH FOR COMMUNICATION-1	63	63	60	95.24
6	5048 - Industrial Electronics & PLC Lab	44	43	38	86.36
7	3001 - Environmental Science & Disaster Management	49	49	41	83.67
8	1004 - ENGINEERING CHEMISTRY-1	63	63	52	82.54
9	5049 - Embedded System Lab	44	43	36	81.82
10	3049 - Analogue Communication Lab	49	45	40	81.63
11	3042 - Digital Electronics	49	49	37	75.51
12	1003 - ENGINEERING PHYSICS-1	63	63	45	71.43
13	3048 - Digital Electronics Lab	49	49	35	71.43
14	5041 - Embedded System	44	41	27	61.36
15	3047 - Electronics Circuits Lab	49	49	29	59.18

16	5042 - Industrial Electronics & PLC	44	37	26	59.09
17	5001 - Industrial Management & Safety	44	42	26	59.09
18	3043 - Electrical Technology	49	48	27	55.1
19	5045 - Optical Fibre Communication	44	40	24	54.55
20	1002 - ENGINEERING MATHEMATICS-1	63	63	32	50.79
21	3044 - Electronic Devices & Circuits	49	49	24	48.98
22	3041 - Communication Engineering	49	49	22	44.9

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
3	5137 - Computer Network Engineering Lab	43	42	42	97.67
4	1008 - COMPUTING FUNDAMENTALS	63	62	59	93.65
5	5139 - Web Programming Lab	43	43	40	93.02
6	5133 - Web Programming	43	42	39	90.7
7	1001 - ENGLISH FOR COMMUNICATION-1	63	62	57	90.48
8	3132 - Database Management System	55	55	49	89.09
9	3139 - Database Management System Lab	55	55	47	85.45
10	3001 - Environmental Science & Disaster Management	55	55	47	85.45
11	3138 - Digital Computer Principles Lab	55	55	45	81.82
12	3134 - Objected Oriented Programming through C++	55	55	45	81.82
13	3131 - Computer Architecture	55	55	45	81.82
14	5132 - Project Management & Software Engineering	43	43	35	81.4
15	3133 - Digital Computer Principles	55	55	44	80
16	5138 - Microprocessor Lab	43	39	33	76.74
17	1004 - ENGINEERING CHEMISTRY-1	63	61	47	74.6
18	3137 - Objected Oriented Programming Lab	55	55	41	74.55
19	1003 - ENGINEERING PHYSICS-1	63	62	46	73.02
20	1002 - ENGINEERING MATHEMATICS-1	63	62	45	71.43
21	5131 - Microprocessor and Interfacing	43	42	30	69.77
22	5136 - Information Security	43	41	24	55.81

### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	1008 - COMPUTING FUNDAMENTALS	59	57	57	96.61
3	1009 - HEALTH & PHYSICAL EDUCATION	59	57	57	96.61
4	5137 - Computer Network Engineering Lab	43	43	39	90.7
5	3001 - Environmental Science & Disaster Management	53	52	42	79.25
6	3134 - Objected Oriented Programming through C++	53	53	39	73.58
7	1001 - ENGLISH FOR COMMUNICATION-1	59	57	43	72.88
8	1004 - ENGINEERING CHEMISTRY-1	59	57	38	64.41
9	5159 - Network Programming Lab	43	39	26	60.47
10	3138 - Digital Computer Principles Lab	53	51	32	60.38
11	3151 - Data Communication	53	53	31	58.49

12	5136 - Information Security	43	43	25	58.14
13	3133 - Digital Computer Principles	53	52	30	56.6
14	3131 - Computer Architecture	53	53	30	56.6
15	1003 - ENGINEERING PHYSICS-1	59	57	32	54.24
16	5138 - Microprocessor Lab	43	38	23	53.49
17	5151 - Computer Networks	43	40	23	53.49
18	3137 - Objected Oriented Programming Lab	53	53	28	52.83
19	3159 - Database and SQL Lab	53	52	28	52.83
20	5132 - Project Management & Software Engineering	43	43	20	46.51
21	5152 - Network Programming	43	43	18	41.86
22	1002 - ENGINEERING MATHEMATICS-1	59	57	16	27.12

### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1008 - COMPUTING FUNDAMENTALS	62	60	60	96.77
3	1001 - ENGLISH FOR COMMUNICATION-1	62	60	60	96.77
4	5019 - Computer Application Lab	55	53	53	96.36
5	5018 - Geotechnical Engineering Lab	55	54	53	96.36
6	3017 - Survey Practical II	42	40	40	95.24
7	1009 - HEALTH & PHYSICAL EDUCATION	62	60	59	95.16
8	3018 - Concrete Lab	42	39	38	90.48
9	3019 - Construction Engg. Lab	42	40	36	85.71
10	3001 - Environmental Science & Disaster Management	42	40	35	83.33
11	1003 - ENGINEERING PHYSICS-1	62	60	51	82.26
12	5011 - Building Maintenance & Services	55	54	45	81.82
13	3014 - Building Planning & Drawing	42	40	34	80.95
14	1004 - ENGINEERING CHEMISTRY-1	62	59	50	80.65
15	3011 - Construction Materials and Engineering	42	40	33	78.57
16	5012 - Construction Management & Safety Engineering	55	54	41	74.55
17	5013 - Geotechnical Engineering	55	54	41	74.55
18	1002 - ENGINEERING MATHEMATICS-1	62	60	45	72.58
19	5015 - Structural Design I	55	54	36	65.45
20	3013 - Theory of Structures I	42	40	26	61.9
21	5014 - Quantity Surveying II	55	54	24	43.64
22	3012 - Surveying II	42	40	18	42.86

### Mechanical Engineering

1	3029 - Fluid Mechanics Lab	47	47	47	100
2	3028 - Electrical Technology Lab	47	47	47	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
4	5027 - CADD Lab I	53	53	53	100
5	5028 - Industrial Maintenance and Servicing Laboratory	53	53	53	100
6	3027 - Workshop Practice III	47	47	46	97.87
7	3024 - Machine Drawing	47	47	46	97.87

8	5029 - Machine Shop Practice	53	52	50	94.34
9	5023 - Power Plant Engineering	53	53	48	90.57
10	3001 - Environmental Science & Disaster Management	47	46	42	89.36
11	1001 - ENGLISH FOR COMMUNICATION-1	63	57	56	88.89
12	1009 - HEALTH & PHYSICAL EDUCATION	63	56	56	88.89
13	1008 - COMPUTING FUNDAMENTALS	63	55	55	87.3
14	1004 - ENGINEERING CHEMISTRY-1	63	58	54	85.71
15	3021 - Electrical & Electronics Engg.	47	47	40	85.11
16	3022 - Fluid Mechanics & Pneumatics	47	47	40	85.11
17	5001 - Industrial Management & Safety	53	52	44	83.02
18	5022 - Industrial Engineering	53	53	41	77.36
19	5021 - Design of Machine Elements	53	52	41	77.36
20	3023 - Manufacturing Process	47	47	36	76.6
21	1002 - ENGINEERING MATHEMATICS-1	63	57	46	73.02
22	1003 - ENGINEERING PHYSICS-1	63	58	43	68.25

### 53 Government Polytechnic College, Nedumkandam

	Subject	Registered	Appeared	Passed	Pass %
<b>Electronics</b>					
1	3047 - Electronics Circuits Lab	23	23	23	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	26	26	26	100
3	5049 - Embedded System Lab	26	25	25	96.15
4	3048 - Digital Electronics Lab	23	22	22	95.65
5	1009 - HEALTH & PHYSICAL EDUCATION	56	45	45	80.36
6	1008 - COMPUTING FUNDAMENTALS	56	44	44	78.57
7	5048 - Industrial Electronics & PLC Lab	26	20	20	76.92
8	3049 - Analogue Communication Lab	23	23	17	73.91
9	5047 - PCB & Spice Lab	26	17	17	65.38
10	5042 - Industrial Electronics & PLC	26	24	12	46.15
11	5045 - Optical Fibre Communication	26	26	11	42.31
12	1004 - ENGINEERING CHEMISTRY-1	56	46	23	41.07
13	1001 - ENGLISH FOR COMMUNICATION-1	56	43	22	39.29
14	5001 - Industrial Management & Safety	26	22	10	38.46
15	5041 - Embedded System	26	26	9	34.62
16	1003 - ENGINEERING PHYSICS-1	56	44	19	33.93
17	3042 - Digital Electronics	23	23	7	30.43
18	3001 - Environmental Science & Disaster Management	23	23	6	26.09
19	3041 - Communication Engineering	23	22	6	26.09
20	3044 - Electronic Devices & Circuits	23	23	5	21.74
21	3043 - Electrical Technology	23	21	5	21.74
22	1002 - ENGINEERING MATHEMATICS-1	56	43	9	16.07

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	19	19	19	100
2	1008 - COMPUTING FUNDAMENTALS	49	43	43	87.76
3	1009 - HEALTH & PHYSICAL EDUCATION	49	43	42	85.71
4	5137 - Computer Network Engineering Lab	19	18	14	73.68
5	3138 - Digital Computer Principles Lab	31	30	22	70.97
6	5139 - Web Programming Lab	19	17	13	68.42
7	5131 - Microprocessor and Interfacing	19	15	12	63.16
8	5132 - Project Management & Software Engineering	19	18	11	57.89
9	5136 - Information Security	19	18	10	52.63
10	1001 - ENGLISH FOR COMMUNICATION-1	49	41	23	46.94
11	3139 - Database Management System Lab	31	31	14	45.16
12	3132 - Database Management System	31	28	14	45.16
13	5133 - Web Programming	19	17	8	42.11
14	3131 - Computer Architecture	31	26	13	41.94
15	1004 - ENGINEERING CHEMISTRY-1	49	43	20	40.82
16	5138 - Microprocessor Lab	19	13	7	36.84
17	3001 - Environmental Science & Disaster Management	31	23	11	35.48
18	1003 - ENGINEERING PHYSICS-1	49	44	17	34.69
19	3134 - Objected Oriented Programming through C++	31	29	10	32.26
20	3137 - Objected Oriented Programming Lab	31	31	10	32.26
21	1002 - ENGINEERING MATHEMATICS-1	49	44	13	26.53
22	3133 - Digital Computer Principles	31	28	7	22.58

### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	13	13	13	100
2	1009 - HEALTH & PHYSICAL EDUCATION	48	39	39	81.25
3	1008 - COMPUTING FUNDAMENTALS	48	41	36	75
4	3138 - Digital Computer Principles Lab	24	22	13	54.17
5	5137 - Computer Network Engineering Lab	13	7	7	53.85
6	5132 - Project Management & Software Engineering	13	11	7	53.85
7	5159 - Network Programming Lab	13	9	6	46.15
8	5138 - Microprocessor Lab	13	8	6	46.15
9	3159 - Database and SQL Lab	24	23	10	41.67
10	1001 - ENGLISH FOR COMMUNICATION-1	48	40	18	37.5
11	3001 - Environmental Science & Disaster Management	24	18	8	33.33
12	3131 - Computer Architecture	24	22	7	29.17
13	1004 - ENGINEERING CHEMISTRY-1	48	43	13	27.08
14	3137 - Objected Oriented Programming Lab	24	23	6	25
15	5151 - Computer Networks	13	10	3	23.08
16	1003 - ENGINEERING PHYSICS-1	48	43	10	20.83
17	3151 - Data Communication	24	20	5	20.83
18	3133 - Digital Computer Principles	24	22	4	16.67
19	5136 - Information Security	13	11	2	15.38

20	5152 - Network Programming	13	8	2	15.38
21	3134 - Objected Oriented Programming through C++	24	23	3	12.5
22	1002 - ENGINEERING MATHEMATICS-1	48	42	5	10.42

**54 Government Polytechnic College, Kaduthuruthi**

Subject	Registered	Appeared	Passed	Pass %
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**Electronics**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	39	39	39	100
2	5049 - Embedded System Lab	39	39	39	100
3	5048 - Industrial Electronics & PLC Lab	39	39	39	100
4	1008 - COMPUTING FUNDAMENTALS	63	61	60	95.24
5	5047 - PCB & Spice Lab	39	39	37	94.87
6	1009 - HEALTH & PHYSICAL EDUCATION	63	60	59	93.65
7	1001 - ENGLISH FOR COMMUNICATION-1	63	63	45	71.43
8	3049 - Analogue Communication Lab	57	50	39	68.42
9	3047 - Electronics Circuits Lab	57	50	38	66.67
10	1004 - ENGINEERING CHEMISTRY-1	63	63	40	63.49
11	5001 - Industrial Management & Safety	39	39	23	58.97
12	1002 - ENGINEERING MATHEMATICS-1	63	63	33	52.38
13	5045 - Optical Fibre Communication	39	39	19	48.72
14	3048 - Digital Electronics Lab	57	48	27	47.37
15	5041 - Embedded System	39	39	18	46.15
16	3001 - Environmental Science & Disaster Management	57	53	26	45.61
17	5042 - Industrial Electronics & PLC	39	39	17	43.59
18	1003 - ENGINEERING PHYSICS-1	63	63	25	39.68
19	3042 - Digital Electronics	57	55	17	29.82
20	3043 - Electrical Technology	57	53	15	26.32
21	3041 - Communication Engineering	57	46	14	24.56
22	3044 - Electronic Devices & Circuits	57	54	5	8.77

**Computer Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	34	34	34	100
2	1009 - HEALTH & PHYSICAL EDUCATION	57	56	56	98.25
3	1008 - COMPUTING FUNDAMENTALS	57	54	48	84.21
4	3137 - Objected Oriented Programming Lab	57	53	47	82.46
5	1004 - ENGINEERING CHEMISTRY-1	57	57	47	82.46
6	3139 - Database Management System Lab	57	52	47	82.46
7	1001 - ENGLISH FOR COMMUNICATION-1	57	57	47	82.46
8	5137 - Computer Network Engineering Lab	34	28	27	79.41
9	3138 - Digital Computer Principles Lab	57	47	44	77.19
10	3001 - Environmental Science & Disaster Management	57	53	42	73.68
11	5135 - Ethical Hacking	34	33	25	73.53
12	1002 - ENGINEERING MATHEMATICS-1	57	57	37	64.91

13	3132 - Database Management System	57	54	35	61.4
14	1003 - ENGINEERING PHYSICS-1	57	57	34	59.65
15	5139 - Web Programming Lab	34	21	19	55.88
16	5138 - Microprocessor Lab	34	19	18	52.94
17	3133 - Digital Computer Principles	57	55	30	52.63
18	3134 - Objected Oriented Programming through C++	57	54	29	50.88
19	3131 - Computer Architecture	57	53	29	50.88
20	5133 - Web Programming	34	26	16	47.06
21	5131 - Microprocessor and Interfacing	34	27	11	32.35
22	5132 - Project Management & Software Engineering	34	26	10	29.41

### Computer Hardware Maintenance

1	5137 - Computer Network Engineering Lab	23	23	23	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	23	23	23	100
3	1009 - HEALTH & PHYSICAL EDUCATION	62	60	60	96.77
4	1008 - COMPUTING FUNDAMENTALS	62	60	60	96.77
5	1001 - ENGLISH FOR COMMUNICATION-1	62	61	43	69.35
6	5159 - Network Programming Lab	23	21	13	56.52
7	3001 - Environmental Science & Disaster Management	50	49	27	54
8	3137 - Objected Oriented Programming Lab	50	46	23	46
9	1004 - ENGINEERING CHEMISTRY-1	62	61	28	45.16
10	3138 - Digital Computer Principles Lab	50	40	22	44
11	1002 - ENGINEERING MATHEMATICS-1	62	59	24	38.71
12	1003 - ENGINEERING PHYSICS-1	62	60	23	37.1
13	5138 - Microprocessor Lab	23	23	8	34.78
14	3131 - Computer Architecture	50	49	15	30
15	3133 - Digital Computer Principles	50	49	14	28
16	3159 - Database and SQL Lab	50	40	12	24
17	3134 - Objected Oriented Programming through C++	50	49	11	22
18	5134 - Cloud Computing	23	22	5	21.74
19	5132 - Project Management & Software Engineering	23	23	3	13.04
20	5152 - Network Programming	23	23	2	8.7
21	3151 - Data Communication	50	49	4	8
22	5151 - Computer Networks	23	23	1	4.35

### 55 Government Polytechnic College, Nedumangadu

Subject	Registered	Appeared	Passed	Pass %
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### Electronics

1	1009 - HEALTH & PHYSICAL EDUCATION	50	50	50	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	36	36	36	100
3	5047 - PCB & Spice Lab	36	36	34	94.44
4	5048 - Industrial Electronics & PLC Lab	36	36	34	94.44
5	5049 - Embedded System Lab	36	36	34	94.44

6	1008 - COMPUTING FUNDAMENTALS	50	50	47	94
7	5042 - Industrial Electronics & PLC	36	36	30	83.33
8	3048 - Digital Electronics Lab	40	35	33	82.5
9	1001 - ENGLISH FOR COMMUNICATION-1	50	50	41	82
10	5045 - Optical Fibre Communication	36	36	29	80.56
11	3047 - Electronics Circuits Lab	40	34	29	72.5
12	3001 - Environmental Science & Disaster Management	40	38	27	67.5
13	5001 - Industrial Management & Safety	36	36	24	66.67
14	5041 - Embedded System	36	35	24	66.67
15	1003 - ENGINEERING PHYSICS-1	50	49	30	60
16	3049 - Analogue Communication Lab	40	26	23	57.5
17	3043 - Electrical Technology	40	38	19	47.5
18	3044 - Electronic Devices & Circuits	40	39	17	42.5
19	1004 - ENGINEERING CHEMISTRY-1	50	48	21	42
20	3041 - Communication Engineering	40	34	16	40
21	1002 - ENGINEERING MATHEMATICS-1	50	45	19	38
22	3042 - Digital Electronics	40	40	14	35

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	39	39	39	100
2	1009 - HEALTH & PHYSICAL EDUCATION	49	48	48	97.96
3	5137 - Computer Network Engineering Lab	39	39	38	97.44
4	5139 - Web Programming Lab	39	37	34	87.18
5	5138 - Microprocessor Lab	39	37	32	82.05
6	5134 - Cloud Computing	39	38	31	79.49
7	5132 - Project Management & Software Engineering	39	38	30	76.92
8	5133 - Web Programming	39	38	30	76.92
9	5131 - Microprocessor and Interfacing	39	39	30	76.92
10	1008 - COMPUTING FUNDAMENTALS	49	48	37	75.51
11	3139 - Database Management System Lab	50	42	37	74
12	3001 - Environmental Science & Disaster Management	50	50	37	74
13	1001 - ENGLISH FOR COMMUNICATION-1	49	48	36	73.47
14	3138 - Digital Computer Principles Lab	50	42	36	72
15	1003 - ENGINEERING PHYSICS-1	49	48	32	65.31
16	3137 - Objected Oriented Programming Lab	50	38	31	62
17	3131 - Computer Architecture	50	49	31	62
18	1004 - ENGINEERING CHEMISTRY-1	49	48	29	59.18
19	1002 - ENGINEERING MATHEMATICS-1	49	48	29	59.18
20	3134 - Objected Oriented Programming through C++	50	48	28	56
21	3132 - Database Management System	50	48	27	54
22	3133 - Digital Computer Principles	50	49	27	54

### Computer Hardware Maintenance

1	5137 - Computer Network Engineering Lab	25	25	25	100
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2	5009 - Industrial Training/Industrial Visit/Collaborative work	25	25	25	100
3	1009 - HEALTH & PHYSICAL EDUCATION	53	52	52	98.11
4	5135 - Ethical Hacking	25	25	19	76
5	3138 - Digital Computer Principles Lab	37	32	28	75.68
6	1001 - ENGLISH FOR COMMUNICATION-1	53	52	38	71.7
7	1008 - COMPUTING FUNDAMENTALS	53	52	38	71.7
8	5152 - Network Programming	25	25	17	68
9	3001 - Environmental Science & Disaster Management	37	37	21	56.76
10	3133 - Digital Computer Principles	37	37	20	54.05
11	5159 - Network Programming Lab	25	25	13	52
12	5151 - Computer Networks	25	25	13	52
13	3159 - Database and SQL Lab	37	31	18	48.65
14	5138 - Microprocessor Lab	25	25	12	48
15	3134 - Objected Oriented Programming through C++	37	36	17	45.95
16	1003 - ENGINEERING PHYSICS-1	53	52	23	43.4
17	3131 - Computer Architecture	37	37	16	43.24
18	1002 - ENGINEERING MATHEMATICS-1	53	50	21	39.62
19	1004 - ENGINEERING CHEMISTRY-1	53	51	20	37.74
20	3137 - Objected Oriented Programming Lab	37	29	12	32.43
21	3151 - Data Communication	37	37	12	32.43
22	5132 - Project Management & Software Engineering	25	25	8	32

#### 56 Model Polytechnic College, Poonjar

Subject	Registered	Appeared	Passed	Pass %
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#### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	42	42	42	100
2	1008 - COMPUTING FUNDAMENTALS	31	30	30	96.77
3	1009 - HEALTH & PHYSICAL EDUCATION	31	30	30	96.77
4	3138 - Digital Computer Principles Lab	24	24	20	83.33
5	3001 - Environmental Science & Disaster Management	24	23	17	70.83
6	3159 - Database and SQL Lab	24	22	16	66.67
7	5138 - Microprocessor Lab	42	39	28	66.67
8	3137 - Objected Oriented Programming Lab	24	22	14	58.33
9	5137 - Computer Network Engineering Lab	42	37	24	57.14
10	5159 - Network Programming Lab	42	40	21	50
11	1001 - ENGLISH FOR COMMUNICATION-1	31	31	15	48.39
12	5151 - Computer Networks	42	40	18	42.86
13	1004 - ENGINEERING CHEMISTRY-1	31	30	12	38.71
14	3131 - Computer Architecture	24	24	9	37.5
15	5132 - Project Management & Software Engineering	42	39	14	33.33
16	3133 - Digital Computer Principles	24	24	7	29.17
17	5136 - Information Security	42	40	11	26.19
18	3134 - Objected Oriented Programming through C++	24	23	6	25

19	1003 - ENGINEERING PHYSICS-1	31	31	7	22.58
20	1002 - ENGINEERING MATHEMATICS-1	31	30	7	22.58
21	5152 - Network Programming	42	40	9	21.43
22	3151 - Data Communication	24	23	5	20.83

### Applied Electronics

#### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	38	38	38	100
2	1009 - HEALTH & PHYSICAL EDUCATION	40	37	37	92.5
3	1008 - COMPUTING FUNDAMENTALS	40	38	37	92.5
4	3047 - Electronics Circuits Lab	26	25	22	84.62
5	5047 - PCB & Spice Lab	38	38	29	76.32
6	3048 - Digital Electronics Lab	26	23	17	65.38
7	3049 - Analogue Communication Lab	26	25	17	65.38
8	3001 - Environmental Science & Disaster Management	26	25	17	65.38
9	5048 - Industrial Electronics & PLC Lab	38	36	24	63.16
10	1001 - ENGLISH FOR COMMUNICATION-1	40	37	24	60
11	1004 - ENGINEERING CHEMISTRY-1	40	37	20	50
12	5042 - Industrial Electronics & PLC	38	37	19	50
13	3042 - Digital Electronics	26	25	12	46.15
14	1003 - ENGINEERING PHYSICS-1	40	37	18	45
15	5049 - Embedded System Lab	38	34	16	42.11
16	5041 - Embedded System	38	38	15	39.47
17	3043 - Electrical Technology	26	25	10	38.46
18	1002 - ENGINEERING MATHEMATICS-1	40	37	15	37.5
19	5044 - Medical Electronics	38	36	12	31.58
20	5001 - Industrial Management & Safety	38	35	12	31.58
21	3044 - Electronic Devices & Circuits	26	25	7	26.92
22	3041 - Communication Engineering	26	25	4	15.38

### 57 Government Polytechnic College, Purappuzha

Subject	Registered	Appeared	Passed	Pass %
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#### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	29	29	29	100
2	1009 - HEALTH & PHYSICAL EDUCATION	59	56	56	94.92
3	5138 - Microprocessor Lab	29	27	27	93.1
4	1008 - COMPUTING FUNDAMENTALS	59	55	53	89.83
5	5137 - Computer Network Engineering Lab	29	26	26	89.66
6	5131 - Microprocessor and Interfacing	29	26	26	89.66
7	3139 - Database Management System Lab	49	48	40	81.63
8	3138 - Digital Computer Principles Lab	49	48	36	73.47
9	5135 - Ethical Hacking	29	25	21	72.41

10	3001 - Environmental Science & Disaster Management	49	45	34	69.39
11	3133 - Digital Computer Principles	49	49	34	69.39
12	5139 - Web Programming Lab	29	26	20	68.97
13	3137 - Objected Oriented Programming Lab	49	47	31	63.27
14	5133 - Web Programming	29	26	18	62.07
15	3132 - Database Management System	49	48	29	59.18
16	3131 - Computer Architecture	49	48	25	51.02
17	1004 - ENGINEERING CHEMISTRY-1	59	57	27	45.76
18	1001 - ENGLISH FOR COMMUNICATION-1	59	56	27	45.76
19	3134 - Objected Oriented Programming through C++	49	49	22	44.9
20	1003 - ENGINEERING PHYSICS-1	59	55	22	37.29
21	5132 - Project Management & Software Engineering	29	26	8	27.59
22	1002 - ENGINEERING MATHEMATICS-1	59	56	8	13.56

### Information Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	33	33	33	100
2	3269 - Web Design Lab	27	26	25	92.59
3	5267 - Application Development - II (Web)	33	30	30	90.91
4	1009 - HEALTH & PHYSICAL EDUCATION	53	49	46	86.79
5	3261 - Foundations of Computer Software	27	26	23	85.19
6	3001 - Environmental Science & Disaster Management	27	26	21	77.78
7	3268 - Programming in Java Lab	27	25	19	70.37
8	5268 - Advanced Web Design Lab	33	31	23	69.7
9	3139 - Database Management System Lab	27	26	18	66.67
10	5269 - Server & Network Administration Lab	33	30	22	66.67
11	5262 - Advanced Web Design	33	32	21	63.64
12	5001 - Industrial Management & Safety	33	32	20	60.61
13	3263 - Web Design	27	26	16	59.26
14	5134 - Cloud Computing	33	32	19	57.58
15	1008 - COMPUTING FUNDAMENTALS	53	49	29	54.72
16	5261 - Server & Network Administration	33	32	17	51.52
17	1001 - ENGLISH FOR COMMUNICATION-1	53	49	23	43.4
18	3262 - Programming in Java	27	26	10	37.04
19	1004 - ENGINEERING CHEMISTRY-1	53	50	18	33.96
20	3132 - Database Management System	27	26	9	33.33
21	1003 - ENGINEERING PHYSICS-1	53	50	16	30.19
22	1002 - ENGINEERING MATHEMATICS-1	53	50	1	1.89

### 58 K.M.C.T.Polytechnic College, Kozhikode

Subject	Registered	Appeared	Passed	Pass %
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### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	98	98	98	100
2	5028 - Industrial Maintenance and Servicing Laboratory	98	85	85	86.73

3	1009 - HEALTH & PHYSICAL EDUCATION	122	102	102	83.61
4	3027 - Workshop Practice III	98	79	78	79.59
5	5029 - Machine Shop Practice	98	79	75	76.53
6	5027 - CADD Lab I	98	82	73	74.49
7	1008 - COMPUTING FUNDAMENTALS	122	107	82	67.21
8	3028 - Electrical Technology Lab	98	71	61	62.24
9	3001 - Environmental Science & Disaster Management	98	92	57	58.16
10	1001 - ENGLISH FOR COMMUNICATION-1	122	121	66	54.1
11	3029 - Fluid Mechanics Lab	98	68	52	53.06
12	5001 - Industrial Management & Safety	98	82	45	45.92
13	1004 - ENGINEERING CHEMISTRY-1	122	119	54	44.26
14	3024 - Machine Drawing	98	90	43	43.88
15	3021 - Electrical & Electronics Engg.	98	90	34	34.69
16	5023 - Power Plant Engineering	98	90	34	34.69
17	3023 - Manufacturing Process	98	87	29	29.59
18	3022 - Fluid Mechanics & Pneumatics	98	86	27	27.55
19	1003 - ENGINEERING PHYSICS-1	122	119	31	25.41
20	5022 - Industrial Engineering	98	79	22	22.45
21	5021 - Design of Machine Elements	98	79	22	22.45
22	1002 - ENGINEERING MATHEMATICS-1	122	120	20	16.39

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
2	1009 - HEALTH & PHYSICAL EDUCATION	54	48	48	88.89
3	5057 - CAD Lab - I	46	34	34	73.91
4	1008 - COMPUTING FUNDAMENTALS	54	50	37	68.52
5	3058 - Petrol Engine Service Lab	61	44	36	59.02
6	3057 - Manufacturing Lab I	61	41	36	59.02
7	5058 - Automobile Servicing Lab II	46	31	26	56.52
8	5059 - Automobile Engineering Lab	46	40	25	54.35
9	1001 - ENGLISH FOR COMMUNICATION-1	54	53	29	53.7
10	3059 - Hydraulics Lab	61	43	27	44.26
11	1004 - ENGINEERING CHEMISTRY-1	54	52	20	37.04
12	3001 - Environmental Science & Disaster Management	61	57	22	36.07
13	3024 - Machine Drawing	61	52	20	32.79
14	5052 - Automobile Transmission	46	38	13	28.26
15	5053 - Fuels and Combustion	46	39	12	26.09
16	3052 - Production Process of Automobile Components	61	58	14	22.95
17	5051 - Automobile Design	46	39	10	21.74
18	3021 - Electrical & Electronics Engg.	61	59	13	21.31
19	1002 - ENGINEERING MATHEMATICS-1	54	52	11	20.37
20	1003 - ENGINEERING PHYSICS-1	54	53	10	18.52
21	3051 - Fluid Mechanics & Machinery	61	54	11	18.03

22	5001 - Industrial Management & Safety	46	38	8	17.39
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### Tool & Die Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	44	40	40	90.91
2	3118 - Tool Engineering Lab II	41	39	33	80.49
3	3119 - Metrology Lab	41	36	31	75.61
4	1008 - COMPUTING FUNDAMENTALS	44	42	33	75
5	3117 - Workshop Practice III	41	30	29	70.73
6	3112 - Tool Engineering Drawing	41	37	29	70.73
7	5117 - Press Tool Lab	46	31	30	65.22
8	1001 - ENGLISH FOR COMMUNICATION-1	44	43	28	63.64
9	1004 - ENGINEERING CHEMISTRY-1	44	43	24	54.55
10	5118 - Press Tool Drawing	46	39	25	54.35
11	3001 - Environmental Science & Disaster Management	41	38	18	43.9
12	5112 - Design Jigs, Fixtures and Gauges	46	37	19	41.3
13	5119 - Moulds & Dies Drawing	46	34	17	36.96
14	5001 - Industrial Management & Safety	46	33	17	36.96
15	1003 - ENGINEERING PHYSICS-1	44	43	15	34.09
16	1002 - ENGINEERING MATHEMATICS-1	44	43	13	29.55
17	3111 - Engineering Metrology	41	39	11	26.83
18	3021 - Electrical & Electronics Engg.	41	37	9	21.95
19	5022 - Industrial Engineering	46	35	9	19.57
20	3022 - Fluid Mechanics & Pneumatics	41	39	8	19.51
21	5111 - Press Tool Technology	46	37	6	13.04

### Electronics & Communication

1	5009 - Industrial Training/Industrial Visit/Collaborative work	28	28	28	100
2	1009 - HEALTH & PHYSICAL EDUCATION	25	22	22	88
3	3048 - Digital Electronics Lab	31	29	27	87.1
4	3047 - Electronics Circuits Lab	31	30	26	83.87
5	5047 - PCB & Spice Lab	28	24	23	82.14
6	5209 - Digital Communication Lab	28	25	23	82.14
7	3049 - Analogue Communication Lab	31	28	25	80.65
8	3042 - Digital Electronics	31	31	23	74.19
9	5045 - Optical Fibre Communication	28	26	18	64.29
10	5001 - Industrial Management & Safety	28	27	18	64.29
11	1008 - COMPUTING FUNDAMENTALS	25	22	15	60
12	5049 - Embedded System Lab	28	24	16	57.14
13	3041 - Communication Engineering	31	30	17	54.84
14	1001 - ENGLISH FOR COMMUNICATION-1	25	24	12	48
15	5201 - Digital Communication	28	26	11	39.29
16	1003 - ENGINEERING PHYSICS-1	25	24	9	36
17	1004 - ENGINEERING CHEMISTRY-1	25	24	9	36
18	5041 - Embedded System	28	27	10	35.71

19	3001 - Environmental Science & Disaster Management	31	31	9	29.03
20	1002 - ENGINEERING MATHEMATICS-1	25	23	5	20
21	3043 - Electrical Technology	31	31	5	16.13
22	3044 - Electronic Devices & Circuits	31	30	0	0

### Electronics & Instrumentation

#### Bio-Medical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	52	52	51	98.08
2	1009 - HEALTH & PHYSICAL EDUCATION	60	58	58	96.67
3	5249 - Biomedical Instruments Lab	52	50	49	94.23
4	3249 - PCB & Spice Lab	53	50	48	90.57
5	5248 - Medical Electronics Lab	52	47	46	88.46
6	5049 - Embedded System Lab	52	49	41	78.85
7	1001 - ENGLISH FOR COMMUNICATION-1	60	59	45	75
8	3048 - Digital Electronics Lab	53	48	39	73.58
9	1008 - COMPUTING FUNDAMENTALS	60	56	43	71.67
10	3047 - Electronics Circuits Lab	53	42	37	69.81
11	3241 - Basic Medical Science	53	50	34	64.15
12	1004 - ENGINEERING CHEMISTRY-1	60	59	38	63.33
13	3001 - Environmental Science & Disaster Management	53	53	33	62.26
14	5243 - Biomaterials and Prosthetic Devices	52	48	32	61.54
15	5241 - Therapeutic Equipments	52	49	32	61.54
16	5041 - Embedded System	52	51	32	61.54
17	5001 - Industrial Management & Safety	52	50	23	44.23
18	1003 - ENGINEERING PHYSICS-1	60	59	22	36.67
19	3042 - Digital Electronics	53	52	19	35.85
20	1002 - ENGINEERING MATHEMATICS-1	60	59	19	31.67
21	3043 - Electrical Technology	53	49	15	28.3
22	3044 - Electronic Devices & Circuits	53	52	12	22.64

#### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	54	54	54	100
2	5018 - Geotechnical Engineering Lab	54	54	54	100
3	5019 - Computer Application Lab	54	53	53	98.15
4	3017 - Survey Practical II	53	44	42	79.25
5	1008 - COMPUTING FUNDAMENTALS	57	48	42	73.68
6	1009 - HEALTH & PHYSICAL EDUCATION	57	41	41	71.93
7	3018 - Concrete Lab	53	43	37	69.81
8	5015 - Structural Design I	54	50	36	66.67
9	5012 - Construction Management & Safety Engineering	54	54	35	64.81
10	3019 - Construction Engg. Lab	53	32	32	60.38
11	1004 - ENGINEERING CHEMISTRY-1	57	55	34	59.65
12	5013 - Geotechnical Engineering	54	53	31	57.41

13	5017 - Habitat Technology	54	54	30	55.56
14	1001 - ENGLISH FOR COMMUNICATION-1	57	53	31	54.39
15	1003 - ENGINEERING PHYSICS-1	57	53	26	45.61
16	3001 - Environmental Science & Disaster Management	53	52	23	43.4
17	3013 - Theory of Structures I	53	48	22	41.51
18	3014 - Building Planning & Drawing	53	48	21	39.62
19	3012 - Surveying II	53	49	21	39.62
20	5014 - Quantity Surveying II	54	52	19	35.19
21	3011 - Construction Materials and Engineering	53	48	18	33.96
22	1002 - ENGINEERING MATHEMATICS-1	57	54	19	33.33

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	54	98.18
2	3039 - Electrical Measurements Lab	61	54	53	86.89
3	5038 - Electronics Lab	55	50	47	85.45
4	1009 - HEALTH & PHYSICAL EDUCATION	63	51	51	80.95
5	3037 - Electrical Workshop Practice	61	54	48	78.69
6	5032 - Power Electronics	55	49	40	72.73
7	5039 - A C Machines Lab I	55	42	38	69.09
8	1008 - COMPUTING FUNDAMENTALS	63	59	43	68.25
9	5035 - Renewable Energy Sources	55	54	35	63.64
10	1001 - ENGLISH FOR COMMUNICATION-1	63	62	35	55.56
11	3032 - Electrical Measuring Instruments	61	60	32	52.46
12	1004 - ENGINEERING CHEMISTRY-1	63	61	32	50.79
13	3001 - Environmental Science & Disaster Management	61	60	29	47.54
14	3038 - Mechanical Engineering Lab	61	51	29	47.54
15	5001 - Industrial Management & Safety	55	52	21	38.18
16	3034 - Mechanical Engineering	61	59	22	36.07
17	1003 - ENGINEERING PHYSICS-1	63	61	22	34.92
18	5031 - Induction Machines	55	50	18	32.73
19	3031 - Analog Devices & Circuits	61	61	19	31.15
20	3033 - Fundamentals of AC Systems	61	60	19	31.15
21	1002 - ENGINEERING MATHEMATICS-1	63	61	13	20.63

### Architecture

1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
2	1009 - HEALTH & PHYSICAL EDUCATION	59	51	51	86.44
3	5189 - CAD Lab - II	44	42	38	86.36
4	3189 - Model Making Workshop & Masonry Lab	56	46	46	82.14
5	5182 - Architectural Drawing III	44	39	33	75
6	3188 - Survey Practical	56	43	41	73.21
7	1008 - COMPUTING FUNDAMENTALS	59	53	43	72.88
8	1001 - ENGLISH FOR COMMUNICATION-1	59	58	35	59.32
9	5183 - Working Drawing II	44	43	26	59.09

10	3001 - Environmental Science & Disaster Management	56	51	33	58.93
11	5012 - Construction Management & Safety Engineering	44	43	23	52.27
12	5016 - Cost Effective Construction & Green Building	44	41	23	52.27
13	3183 - Architectural Drawing I	56	51	28	50
14	5015 - Structural Design I	44	42	17	38.64
15	5181 - History of Architecture II	44	40	16	36.36
16	3181 - Climatography	56	51	20	35.71
17	1004 - ENGINEERING CHEMISTRY-1	59	58	21	35.59
18	1003 - ENGINEERING PHYSICS-1	59	58	19	32.2
19	3011 - Construction Materials and Engineering	56	53	17	30.36
20	1002 - ENGINEERING MATHEMATICS-1	59	58	16	27.12
21	3182 - Surveying for Architecture	56	49	12	21.43
22	3013 - Theory of Structures I	56	52	9	16.07

### Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	35	35	35	100
2	3138 - Digital Computer Principles Lab	45	39	35	77.78
3	5137 - Computer Network Engineering Lab	35	32	25	71.43
4	1009 - HEALTH & PHYSICAL EDUCATION	41	28	28	68.29
5	5159 - Network Programming Lab	35	31	23	65.71
6	5138 - Microprocessor Lab	35	28	22	62.86
7	1008 - COMPUTING FUNDAMENTALS	41	32	22	53.66
8	3131 - Computer Architecture	45	43	22	48.89
9	3159 - Database and SQL Lab	45	35	22	48.89
10	1001 - ENGLISH FOR COMMUNICATION-1	41	39	19	46.34
11	5151 - Computer Networks	35	33	16	45.71
12	3001 - Environmental Science & Disaster Management	45	43	20	44.44
13	3137 - Objected Oriented Programming Lab	45	36	18	40
14	5152 - Network Programming	35	35	12	34.29
15	5132 - Project Management & Software Engineering	35	32	12	34.29
16	3133 - Digital Computer Principles	45	43	14	31.11
17	1004 - ENGINEERING CHEMISTRY-1	41	39	10	24.39
18	5136 - Information Security	35	35	8	22.86
19	3134 - Objected Oriented Programming through C++	45	43	10	22.22
20	3151 - Data Communication	45	43	10	22.22
21	1002 - ENGINEERING MATHEMATICS-1	41	40	9	21.95
22	1003 - ENGINEERING PHYSICS-1	41	40	7	17.07

### Instrument Technology

1	3219 - Analog Circuits Lab	18	18	18	100
2	5217 - Process Control Lab	23	23	23	100
3	5009 - Industrial Training/Industrial Visit/Collaborative work	23	23	23	100
4	3218 - Transducers and Measurements Lab	18	18	18	100
5	5219 - Calibration and Simulation Lab	23	23	23	100



6	5218 - Industrial Instruments Lab	23	23	23	100
7	1009 - HEALTH & PHYSICAL EDUCATION	26	25	25	96.15
8	3217 - Digital Circuits Lab	18	15	14	77.78
9	1008 - COMPUTING FUNDAMENTALS	26	26	20	76.92
10	3001 - Environmental Science & Disaster Management	18	18	12	66.67
11	1004 - ENGINEERING CHEMISTRY-1	26	26	17	65.38
12	5211 - Industrial Instruments II	23	22	14	60.87
13	5212 - Process Control	23	23	13	56.52
14	3214 - Instrument Transducers	18	18	10	55.56
15	1001 - ENGLISH FOR COMMUNICATION-1	26	26	14	53.85
16	5001 - Industrial Management & Safety	23	22	12	52.17
17	3213 - Electrical & Electronic Instruments	18	18	7	38.89
18	5214 - Optical Instrumentation	23	23	8	34.78
19	3211 - Analog Circuits	18	18	6	33.33
20	1003 - ENGINEERING PHYSICS-1	26	26	7	26.92
21	1002 - ENGINEERING MATHEMATICS-1	26	26	6	23.08
22	3212 - Digital Circuits	18	18	4	22.22

#### 59 Government Polytechnic College, Ezhukone

Subject	Registered	Appeared	Passed	Pass %
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#### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	57	57	57	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	61	61	100
3	1008 - COMPUTING FUNDAMENTALS	61	61	57	93.44
4	5028 - Industrial Maintenance and Servicing Laboratory	57	53	53	92.98
5	5029 - Machine Shop Practice	57	51	51	89.47
6	1001 - ENGLISH FOR COMMUNICATION-1	61	60	54	88.52
7	3027 - Workshop Practice III	52	49	45	86.54
8	3028 - Electrical Technology Lab	52	50	45	86.54
9	1004 - ENGINEERING CHEMISTRY-1	61	61	51	83.61
10	3029 - Fluid Mechanics Lab	52	49	42	80.77
11	3024 - Machine Drawing	52	51	42	80.77
12	3001 - Environmental Science & Disaster Management	52	50	42	80.77
13	5027 - CADD Lab I	57	45	42	73.68
14	1003 - ENGINEERING PHYSICS-1	61	61	39	63.93
15	1002 - ENGINEERING MATHEMATICS-1	61	61	36	59.02
16	5001 - Industrial Management & Safety	57	48	32	56.14
17	3022 - Fluid Mechanics & Pneumatics	52	51	27	51.92
18	5022 - Industrial Engineering	57	53	28	49.12
19	5023 - Power Plant Engineering	57	50	27	47.37
20	3023 - Manufacturing Process	52	51	20	38.46
21	3021 - Electrical & Electronics Engg.	52	50	20	38.46
22	5021 - Design of Machine Elements	57	51	21	36.84

## Computer Hardware Maintenance

1	5009 - Industrial Training/Industrial Visit/Collaborative work	32	32	32	100
2	5138 - Microprocessor Lab	32	32	32	100
3	5137 - Computer Network Engineering Lab	32	32	32	100
4	5159 - Network Programming Lab	32	32	31	96.88
5	1009 - HEALTH & PHYSICAL EDUCATION	62	56	56	90.32
6	1008 - COMPUTING FUNDAMENTALS	62	56	52	83.87
7	3159 - Database and SQL Lab	48	48	40	83.33
8	3138 - Digital Computer Principles Lab	48	47	39	81.25
9	5152 - Network Programming	32	32	24	75
10	5132 - Project Management & Software Engineering	32	32	24	75
11	5151 - Computer Networks	32	28	22	68.75
12	3137 - Objected Oriented Programming Lab	48	48	33	68.75
13	3001 - Environmental Science & Disaster Management	48	46	33	68.75
14	5134 - Cloud Computing	32	32	20	62.5
15	1001 - ENGLISH FOR COMMUNICATION-1	62	55	38	61.29
16	3151 - Data Communication	48	47	25	52.08
17	1004 - ENGINEERING CHEMISTRY-1	62	55	26	41.94
18	3134 - Objected Oriented Programming through C++	48	48	20	41.67
19	3133 - Digital Computer Principles	48	48	18	37.5
20	3131 - Computer Architecture	48	46	16	33.33
21	1002 - ENGINEERING MATHEMATICS-1	62	55	16	25.81
22	1003 - ENGINEERING PHYSICS-1	62	56	16	25.81

## Electronics & Communication

1	5047 - PCB & Spice Lab	42	42	42	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	42	42	42	100
3	5049 - Embedded System Lab	42	42	41	97.62
4	3049 - Analogue Communication Lab	41	41	40	97.56
5	3047 - Electronics Circuits Lab	41	41	40	97.56
6	5209 - Digital Communication Lab	42	42	40	95.24
7	3048 - Digital Electronics Lab	41	41	38	92.68
8	1009 - HEALTH & PHYSICAL EDUCATION	64	57	57	89.06
9	3001 - Environmental Science & Disaster Management	41	41	36	87.8
10	1008 - COMPUTING FUNDAMENTALS	64	59	56	87.5
11	5044 - Medical Electronics	42	42	35	83.33
12	3042 - Digital Electronics	41	41	32	78.05
13	5041 - Embedded System	42	41	32	76.19
14	1001 - ENGLISH FOR COMMUNICATION-1	64	58	47	73.44
15	3043 - Electrical Technology	41	41	29	70.73
16	1004 - ENGINEERING CHEMISTRY-1	64	58	44	68.75
17	3041 - Communication Engineering	41	41	27	65.85
18	3044 - Electronic Devices & Circuits	41	41	25	60.98

19	5201 - Digital Communication	42	42	22	52.38
20	5001 - Industrial Management & Safety	42	42	21	50
21	1002 - ENGINEERING MATHEMATICS-1	64	59	31	48.44
22	1003 - ENGINEERING PHYSICS-1	64	59	30	46.88

**63 AWH Polytechnic College, Kuttikkattur**

Subject	Registered	Appeared	Passed	Pass %
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**Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
3	3027 - Workshop Practice III	53	51	51	96.23
4	5027 - CADD Lab I	53	53	51	96.23
5	5028 - Industrial Maintenance and Servicing Laboratory	53	51	51	96.23
6	3029 - Fluid Mechanics Lab	53	53	47	88.68
7	1008 - COMPUTING FUNDAMENTALS	60	53	51	85
8	3028 - Electrical Technology Lab	53	52	45	84.91
9	5029 - Machine Shop Practice	53	51	44	83.02
10	1001 - ENGLISH FOR COMMUNICATION-1	60	60	46	76.67
11	3021 - Electrical & Electronics Engg.	53	52	36	67.92
12	5001 - Industrial Management & Safety	53	52	35	66.04
13	3001 - Environmental Science & Disaster Management	53	49	31	58.49
14	3024 - Machine Drawing	53	53	28	52.83
15	1004 - ENGINEERING CHEMISTRY-1	60	60	30	50
16	5023 - Power Plant Engineering	53	53	26	49.06
17	3023 - Manufacturing Process	53	53	26	49.06
18	1003 - ENGINEERING PHYSICS-1	60	59	29	48.33
19	3022 - Fluid Mechanics & Pneumatics	53	53	25	47.17
20	1002 - ENGINEERING MATHEMATICS-1	60	59	26	43.33
21	5022 - Industrial Engineering	53	53	18	33.96
22	5021 - Design of Machine Elements	53	53	14	26.42

**Tool & Die Engineering**

1	5117 - Press Tool Lab	46	46	45	97.83
2	1009 - HEALTH & PHYSICAL EDUCATION	60	56	56	93.33
3	5119 - Moulds & Dies Drawing	46	46	42	91.3
4	3118 - Tool Engineering Lab II	49	42	42	85.71
5	3119 - Metrology Lab	49	45	37	75.51
6	1001 - ENGLISH FOR COMMUNICATION-1	60	60	45	75
7	3117 - Workshop Practice III	49	41	35	71.43
8	3112 - Tool Engineering Drawing	49	48	32	65.31
9	1008 - COMPUTING FUNDAMENTALS	60	51	39	65
10	5118 - Press Tool Drawing	46	46	29	63.04
11	3001 - Environmental Science & Disaster Management	49	49	24	48.98

12	1003 - ENGINEERING PHYSICS-1	60	60	25	41.67
13	3021 - Electrical & Electronics Engg.	49	49	19	38.78
14	3111 - Engineering Metrology	49	48	17	34.69
15	5001 - Industrial Management & Safety	46	46	15	32.61
16	1004 - ENGINEERING CHEMISTRY-1	60	60	19	31.67
17	1002 - ENGINEERING MATHEMATICS-1	60	60	19	31.67
18	5111 - Press Tool Technology	46	46	14	30.43
19	3022 - Fluid Mechanics & Pneumatics	49	48	13	26.53
20	5113 - Plastic Moulding Technology	46	46	11	23.91
21	5022 - Industrial Engineering	46	46	7	15.22

### **Bio-Medical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	45	45	45	100
2	1009 - HEALTH & PHYSICAL EDUCATION	59	57	57	96.61
3	5248 - Medical Electronics Lab	45	43	42	93.33
4	3249 - PCB & Spice Lab	48	43	43	89.58
5	5049 - Embedded System Lab	45	42	40	88.89
6	5249 - Biomedical Instruments Lab	45	40	39	86.67
7	1008 - COMPUTING FUNDAMENTALS	59	56	51	86.44
8	1001 - ENGLISH FOR COMMUNICATION-1	59	58	50	84.75
9	3047 - Electronics Circuits Lab	48	42	39	81.25
10	3048 - Digital Electronics Lab	48	44	35	72.92
11	5241 - Therapeutic Equipments	45	45	32	71.11
12	3001 - Environmental Science & Disaster Management	48	45	30	62.5
13	5001 - Industrial Management & Safety	45	45	27	60
14	3042 - Digital Electronics	48	44	28	58.33
15	5041 - Embedded System	45	45	26	57.78
16	3241 - Basic Medical Science	48	45	27	56.25
17	5243 - Biomaterials and Prosthetic Devices	45	45	25	55.56
18	1003 - ENGINEERING PHYSICS-1	59	58	32	54.24
19	3043 - Electrical Technology	48	45	22	45.83
20	3044 - Electronic Devices & Circuits	48	44	22	45.83
21	1004 - ENGINEERING CHEMISTRY-1	59	58	24	40.68
22	1002 - ENGINEERING MATHEMATICS-1	59	58	19	32.2

### **Electronics & Communication**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
2	3049 - Analogue Communication Lab	44	43	41	93.18
3	3047 - Electronics Circuits Lab	44	43	38	86.36
4	1009 - HEALTH & PHYSICAL EDUCATION	58	49	49	84.48
5	3042 - Digital Electronics	44	44	34	77.27
6	5047 - PCB & Spice Lab	46	44	34	73.91
7	5209 - Digital Communication Lab	46	43	34	73.91
8	3048 - Digital Electronics Lab	44	43	32	72.73

9	3001 - Environmental Science & Disaster Management	44	43	32	72.73
10	1008 - COMPUTING FUNDAMENTALS	58	50	42	72.41
11	3041 - Communication Engineering	44	44	31	70.45
12	5049 - Embedded System Lab	46	41	31	67.39
13	1001 - ENGLISH FOR COMMUNICATION-1	58	55	30	51.72
14	5001 - Industrial Management & Safety	46	45	21	45.65
15	3044 - Electronic Devices & Circuits	44	44	19	43.18
16	5041 - Embedded System	46	42	17	36.96
17	5201 - Digital Communication	46	44	17	36.96
18	5045 - Optical Fibre Communication	46	46	16	34.78
19	3043 - Electrical Technology	44	43	14	31.82
20	1002 - ENGINEERING MATHEMATICS-1	58	55	16	27.59
21	1004 - ENGINEERING CHEMISTRY-1	58	55	14	24.14
22	1003 - ENGINEERING PHYSICS-1	58	55	13	22.41

**64 Model Polytechnic College, Kuzhalmannam**

Subject	Registered	Appeared	Passed	Pass %
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**Civil Engineering(Water Resources Management)**

**Civil Engineering(Environmental Engineering)**

**Civil Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	99	99	99	100
2	5019 - Computer Application Lab	99	96	96	96.97
3	1009 - HEALTH & PHYSICAL EDUCATION	125	117	117	93.6
4	1008 - COMPUTING FUNDAMENTALS	125	117	117	93.6
5	5018 - Geotechnical Engineering Lab	99	94	91	91.92
6	3018 - Concrete Lab	116	107	105	90.52
7	3017 - Survey Practical II	116	106	104	89.66
8	3019 - Construction Engg. Lab	116	109	103	88.79
9	5012 - Construction Management & Safety Engineering	99	94	78	78.79
10	3014 - Building Planning & Drawing	116	109	84	72.41
11	1001 - ENGLISH FOR COMMUNICATION-1	125	124	89	71.2
12	5017 - Habitat Technology	99	98	64	64.65
13	3001 - Environmental Science & Disaster Management	116	107	71	61.21
14	5013 - Geotechnical Engineering	99	95	59	59.6
15	1004 - ENGINEERING CHEMISTRY-1	125	122	65	52
16	5015 - Structural Design I	99	96	48	48.48
17	3011 - Construction Materials and Engineering	116	108	56	48.28
18	5014 - Quantity Surveying II	99	96	45	45.45
19	3013 - Theory of Structures I	116	108	48	41.38
20	1002 - ENGINEERING MATHEMATICS-1	125	123	51	40.8
21	3012 - Surveying II	116	109	44	37.93

22	1003 - ENGINEERING PHYSICS-1	125	124	46	36.8
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**65 St. Mary's Polytechnic College, Palakkad**

	Subject	Registered	Appeared	Passed	Pass %
<b>Civil Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
2	1008 - COMPUTING FUNDAMENTALS	59	57	57	96.61
3	1009 - HEALTH & PHYSICAL EDUCATION	59	58	55	93.22
4	1001 - ENGLISH FOR COMMUNICATION-1	59	58	54	91.53
5	3018 - Concrete Lab	58	55	53	91.38
6	3019 - Construction Engg. Lab	58	55	51	87.93
7	5019 - Computer Application Lab	56	52	49	87.5
8	5011 - Building Maintenance & Services	56	54	49	87.5
9	5018 - Geotechnical Engineering Lab	56	51	47	83.93
10	3017 - Survey Practical II	58	55	48	82.76
11	1004 - ENGINEERING CHEMISTRY-1	59	58	47	79.66
12	3001 - Environmental Science & Disaster Management	58	58	46	79.31
13	5012 - Construction Management & Safety Engineering	56	54	44	78.57
14	3014 - Building Planning & Drawing	58	57	43	74.14
15	3011 - Construction Materials and Engineering	58	57	36	62.07
16	1003 - ENGINEERING PHYSICS-1	59	58	36	61.02
17	5013 - Geotechnical Engineering	56	55	33	58.93
18	3012 - Surveying II	58	56	31	53.45
19	1002 - ENGINEERING MATHEMATICS-1	59	58	31	52.54
20	5015 - Structural Design I	56	53	28	50
21	3013 - Theory of Structures I	58	57	27	46.55
22	5014 - Quantity Surveying II	56	53	17	30.36
<b>Mechanical Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	126	126	125	99.21
2	3027 - Workshop Practice III	122	120	120	98.36
3	1009 - HEALTH & PHYSICAL EDUCATION	128	125	125	97.66
4	1008 - COMPUTING FUNDAMENTALS	128	125	125	97.66
5	1001 - ENGLISH FOR COMMUNICATION-1	128	125	122	95.31
6	3024 - Machine Drawing	122	120	113	92.62
7	3001 - Environmental Science & Disaster Management	122	120	112	91.8
8	3028 - Electrical Technology Lab	122	120	111	90.98
9	5028 - Industrial Maintenance and Servicing Laboratory	126	113	111	88.1
10	1004 - ENGINEERING CHEMISTRY-1	128	126	110	85.94
11	5029 - Machine Shop Practice	126	115	107	84.92
12	3021 - Electrical & Electronics Engg.	122	121	97	79.51
13	5027 - CADD Lab I	126	117	98	77.78
14	1003 - ENGINEERING PHYSICS-1	128	126	99	77.34

15	3029 - Fluid Mechanics Lab	122	118	93	76.23
16	3023 - Manufacturing Process	122	120	92	75.41
17	3022 - Fluid Mechanics & Pneumatics	122	119	76	62.3
18	1002 - ENGINEERING MATHEMATICS-1	128	126	76	59.38
19	5001 - Industrial Management & Safety	126	116	72	57.14
20	5023 - Power Plant Engineering	126	120	67	53.17
21	5022 - Industrial Engineering	126	118	57	45.24
22	5021 - Design of Machine Elements	126	116	42	33.33

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1009 - HEALTH & PHYSICAL EDUCATION	63	62	62	98.41
3	1008 - COMPUTING FUNDAMENTALS	63	62	62	98.41
4	5039 - A C Machines Lab I	55	53	50	90.91
5	3032 - Electrical Measuring Instruments	64	63	57	89.06
6	3037 - Electrical Workshop Practice	64	63	57	89.06
7	3039 - Electrical Measurements Lab	64	62	56	87.5
8	1001 - ENGLISH FOR COMMUNICATION-1	63	62	54	85.71
9	5038 - Electronics Lab	55	51	47	85.45
10	3001 - Environmental Science & Disaster Management	64	63	54	84.38
11	5035 - Renewable Energy Sources	55	53	43	78.18
12	5032 - Power Electronics	55	54	42	76.36
13	5001 - Industrial Management & Safety	55	52	41	74.55
14	5031 - Induction Machines	55	53	41	74.55
15	1004 - ENGINEERING CHEMISTRY-1	63	62	43	68.25
16	3034 - Mechanical Engineering	64	64	40	62.5
17	3033 - Fundamentals of AC Systems	64	64	37	57.81
18	1003 - ENGINEERING PHYSICS-1	63	62	36	57.14
19	3038 - Mechanical Engineering Lab	64	60	35	54.69
20	3031 - Analog Devices & Circuits	64	62	31	48.44
21	1002 - ENGINEERING MATHEMATICS-1	63	62	30	47.62

### Automobile Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	63	63	63	100
2	3057 - Manufacturing Lab I	55	55	55	100
3	1008 - COMPUTING FUNDAMENTALS	63	63	63	100
4	3058 - Petrol Engine Service Lab	55	55	55	100
5	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
6	5059 - Automobile Engineering Lab	56	54	54	96.43
7	5057 - CAD Lab - I	56	54	54	96.43
8	5058 - Automobile Servicing Lab II	56	52	52	92.86
9	3001 - Environmental Science & Disaster Management	55	55	51	92.73
10	3059 - Hydraulics Lab	55	54	49	89.09
11	1001 - ENGLISH FOR COMMUNICATION-1	63	63	54	85.71

12	1004 - ENGINEERING CHEMISTRY-1	63	63	53	84.13
13	5053 - Fuels and Combustion	56	54	43	76.79
14	3052 - Production Process of Automobile Components	55	55	42	76.36
15	3024 - Machine Drawing	55	55	42	76.36
16	1003 - ENGINEERING PHYSICS-1	63	63	47	74.6
17	5052 - Automobile Transmission	56	53	37	66.07
18	3051 - Fluid Mechanics & Machinery	55	54	35	63.64
19	3021 - Electrical & Electronics Engg.	55	55	34	61.82
20	5001 - Industrial Management & Safety	56	55	34	60.71
21	5051 - Automobile Design	56	53	34	60.71
22	1002 - ENGINEERING MATHEMATICS-1	63	63	38	60.32

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
2	5137 - Computer Network Engineering Lab	48	47	40	83.33
3	5139 - Web Programming Lab	48	48	39	81.25
4	1008 - COMPUTING FUNDAMENTALS	35	30	28	80
5	5138 - Microprocessor Lab	48	48	38	79.17
6	5134 - Cloud Computing	48	48	37	77.08
7	1009 - HEALTH & PHYSICAL EDUCATION	35	34	26	74.29
8	3131 - Computer Architecture	50	48	35	70
9	5132 - Project Management & Software Engineering	48	48	33	68.75
10	1001 - ENGLISH FOR COMMUNICATION-1	35	34	24	68.57
11	3132 - Database Management System	50	47	34	68
12	5133 - Web Programming	48	48	31	64.58
13	3137 - Objected Oriented Programming Lab	50	47	32	64
14	3138 - Digital Computer Principles Lab	50	47	31	62
15	3139 - Database Management System Lab	50	46	29	58
16	3134 - Objected Oriented Programming through C++	50	48	27	54
17	3133 - Digital Computer Principles	50	48	27	54
18	3001 - Environmental Science & Disaster Management	50	48	27	54
19	1003 - ENGINEERING PHYSICS-1	35	34	16	45.71
20	1004 - ENGINEERING CHEMISTRY-1	35	34	14	40
21	5131 - Microprocessor and Interfacing	48	47	17	35.42
22	1002 - ENGINEERING MATHEMATICS-1	35	34	12	34.29

### 66 Ma'din Polytechnic College, Malappuram

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
2	1008 - COMPUTING FUNDAMENTALS	47	47	47	100
3	1009 - HEALTH & PHYSICAL EDUCATION	47	47	47	100
4	5019 - Computer Application Lab	50	48	48	96



5	5018 - Geotechnical Engineering Lab	50	48	46	92
6	3017 - Survey Practical II	62	61	57	91.94
7	3019 - Construction Engg. Lab	62	61	55	88.71
8	3018 - Concrete Lab	62	61	54	87.1
9	1003 - ENGINEERING PHYSICS-1	47	47	35	74.47
10	3001 - Environmental Science & Disaster Management	62	62	44	70.97
11	1004 - ENGINEERING CHEMISTRY-1	47	47	33	70.21
12	3014 - Building Planning & Drawing	62	60	41	66.13
13	1002 - ENGINEERING MATHEMATICS-1	47	47	30	63.83
14	1001 - ENGLISH FOR COMMUNICATION-1	47	47	29	61.7
15	5012 - Construction Management & Safety Engineering	50	50	30	60
16	5013 - Geotechnical Engineering	50	50	28	56
17	3011 - Construction Materials and Engineering	62	61	28	45.16
18	5014 - Quantity Surveying II	50	49	22	44
19	3013 - Theory of Structures I	62	62	25	40.32
20	5015 - Structural Design I	50	50	20	40
21	5017 - Habitat Technology	50	50	20	40
22	3012 - Surveying II	62	61	19	30.65

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	53	53	53	100
2	5028 - Industrial Maintenance and Servicing Laboratory	53	52	52	98.11
3	5029 - Machine Shop Practice	53	52	52	98.11
4	1008 - COMPUTING FUNDAMENTALS	60	58	58	96.67
5	1009 - HEALTH & PHYSICAL EDUCATION	60	57	57	95
6	5027 - CADD Lab I	53	53	50	94.34
7	3027 - Workshop Practice III	58	54	53	91.38
8	3024 - Machine Drawing	58	56	47	81.03
9	3028 - Electrical Technology Lab	58	55	45	77.59
10	1004 - ENGINEERING CHEMISTRY-1	60	60	39	65
11	3001 - Environmental Science & Disaster Management	58	52	37	63.79
12	5023 - Power Plant Engineering	53	53	33	62.26
13	5001 - Industrial Management & Safety	53	52	33	62.26
14	3029 - Fluid Mechanics Lab	58	55	36	62.07
15	3021 - Electrical & Electronics Engg.	58	54	33	56.9
16	5021 - Design of Machine Elements	53	52	28	52.83
17	1001 - ENGLISH FOR COMMUNICATION-1	60	60	31	51.67
18	5022 - Industrial Engineering	53	52	27	50.94
19	1003 - ENGINEERING PHYSICS-1	60	60	30	50
20	3022 - Fluid Mechanics & Pneumatics	58	52	24	41.38
21	3023 - Manufacturing Process	58	53	20	34.48
22	1002 - ENGINEERING MATHEMATICS-1	60	60	20	33.33

### **Electrical & Electronics Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1008 - COMPUTING FUNDAMENTALS	59	58	58	98.31
3	1009 - HEALTH & PHYSICAL EDUCATION	59	57	57	96.61
4	3037 - Electrical Workshop Practice	57	54	53	92.98
5	3039 - Electrical Measurements Lab	57	54	52	91.23
6	5038 - Electronics Lab	55	55	50	90.91
7	3038 - Mechanical Engineering Lab	57	51	48	84.21
8	5039 - A C Machines Lab I	55	52	44	80
9	3001 - Environmental Science & Disaster Management	57	53	41	71.93
10	3032 - Electrical Measuring Instruments	57	52	39	68.42
11	5031 - Induction Machines	55	55	32	58.18
12	5001 - Industrial Management & Safety	55	55	31	56.36
13	1004 - ENGINEERING CHEMISTRY-1	59	57	33	55.93
14	5032 - Power Electronics	55	55	30	54.55
15	1003 - ENGINEERING PHYSICS-1	59	57	31	52.54
16	3034 - Mechanical Engineering	57	53	28	49.12
17	3031 - Analog Devices & Circuits	57	53	28	49.12
18	3033 - Fundamentals of AC Systems	57	52	27	47.37
19	1001 - ENGLISH FOR COMMUNICATION-1	59	58	27	45.76
20	1002 - ENGINEERING MATHEMATICS-1	59	58	26	44.07
21	5034 - Electrical Engineering Materials	55	55	18	32.73

### **Electrical & Electronics Engineering (Evening)**

### **Electrical & Electronics Engineering (Evening) (Evening)**

1	2007 - Engineering Science Lab II	30	30	30	100
2	2008 - Workshop Practice	30	30	30	100
3	2009 - Life Skill	30	29	29	96.67
4	2039 - Basic Electrical Engineering Workshop	30	29	29	96.67
5	4009 - Mini Project	24	22	22	91.67
6	4036 - Industrial Electrical Engineering Lab	24	22	22	91.67
7	4039 - DC Machines Lab	24	22	22	91.67
8	4038 - Electrical Computer Aided Drafting Lab	24	21	21	87.5
9	2001 - English for Communication II	30	26	23	76.67
10	4033 - Electrical Estimating and Costing	24	20	18	75
11	2005 - Engineering Graphics	30	27	22	73.33
12	4031 - DC Machines	24	19	17	70.83
13	2031 - Basic Electrical Engineering	30	28	21	70
14	4037 - Electrical Engineering Drawing	24	20	16	66.67
15	2004 - Engineering Chemistry II	30	27	19	63.33
16	2002 - Engineering Mathematics II	30	28	19	63.33
17	4034 - Electric Power Generation, Transmission & Distribution	24	19	15	62.5
18	4032 - Digital Electronics & Microprocessors	24	19	13	54.17
19	2003 - Engineering Physics II	30	25	15	50

## Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	3139 - Database Management System Lab	30	30	30	100
3	5137 - Computer Network Engineering Lab	40	39	39	97.5
4	5138 - Microprocessor Lab	40	40	39	97.5
5	1009 - HEALTH & PHYSICAL EDUCATION	35	33	33	94.29
6	1008 - COMPUTING FUNDAMENTALS	35	33	33	94.29
7	5139 - Web Programming Lab	40	39	37	92.5
8	3131 - Computer Architecture	30	30	25	83.33
9	3138 - Digital Computer Principles Lab	30	30	24	80
10	1004 - ENGINEERING CHEMISTRY-1	35	33	26	74.29
11	3137 - Objected Oriented Programming Lab	30	30	21	70
12	3134 - Objected Oriented Programming through C++	30	30	20	66.67
13	1001 - ENGLISH FOR COMMUNICATION-1	35	34	23	65.71
14	3001 - Environmental Science & Disaster Management	30	30	19	63.33
15	5133 - Web Programming	40	40	23	57.5
16	5131 - Microprocessor and Interfacing	40	40	23	57.5
17	3133 - Digital Computer Principles	30	30	17	56.67
18	5136 - Information Security	40	38	22	55
19	5132 - Project Management & Software Engineering	40	40	22	55
20	3132 - Database Management System	30	30	16	53.33
21	1003 - ENGINEERING PHYSICS-1	35	33	17	48.57
22	1002 - ENGINEERING MATHEMATICS-1	35	34	7	20

## Automobile Engineering

1	3057 - Manufacturing Lab I	57	57	57	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
3	1009 - HEALTH & PHYSICAL EDUCATION	58	56	56	96.55
4	1008 - COMPUTING FUNDAMENTALS	58	56	56	96.55
5	3058 - Petrol Engine Service Lab	57	56	55	96.49
6	5057 - CAD Lab - I	55	54	51	92.73
7	5058 - Automobile Servicing Lab II	55	55	47	85.45
8	3024 - Machine Drawing	57	57	44	77.19
9	5059 - Automobile Engineering Lab	55	53	41	74.55
10	3059 - Hydraulics Lab	57	56	41	71.93
11	5053 - Fuels and Combustion	55	55	37	67.27
12	3001 - Environmental Science & Disaster Management	57	57	36	63.16
13	1004 - ENGINEERING CHEMISTRY-1	58	56	32	55.17
14	5051 - Automobile Design	55	54	30	54.55
15	5001 - Industrial Management & Safety	55	55	30	54.55
16	3021 - Electrical & Electronics Engg.	57	57	29	50.88
17	3051 - Fluid Mechanics & Machinery	57	55	28	49.12
18	5052 - Automobile Transmission	55	55	27	49.09

19	3052 - Production Process of Automobile Components	57	57	25	43.86
20	1001 - ENGLISH FOR COMMUNICATION-1	58	56	25	43.1
21	1003 - ENGINEERING PHYSICS-1	58	56	24	41.38
22	1002 - ENGINEERING MATHEMATICS-1	58	56	21	36.21

### Architecture

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	1009 - HEALTH & PHYSICAL EDUCATION	42	42	42	100
3	1008 - COMPUTING FUNDAMENTALS	42	42	42	100
4	3189 - Model Making Workshop & Masonry Lab	48	47	44	91.67
5	3188 - Survey Practical	48	46	42	87.5
6	3183 - Architectural Drawing I	48	48	40	83.33
7	5189 - CAD Lab - II	47	47	39	82.98
8	1004 - ENGINEERING CHEMISTRY-1	42	42	34	80.95
9	5182 - Architectural Drawing III	47	47	37	78.72
10	3182 - Surveying for Architecture	48	48	33	68.75
11	5181 - History of Architecture II	47	47	31	65.96
12	1001 - ENGLISH FOR COMMUNICATION-1	42	42	27	64.29
13	1003 - ENGINEERING PHYSICS-1	42	42	26	61.9
14	5183 - Working Drawing II	47	47	29	61.7
15	3013 - Theory of Structures I	48	48	29	60.42
16	3001 - Environmental Science & Disaster Management	48	48	28	58.33
17	3181 - Climatography	48	48	27	56.25
18	1002 - ENGINEERING MATHEMATICS-1	42	42	21	50
19	5016 - Cost Effective Construction & Green Building	47	45	21	44.68
20	3011 - Construction Materials and Engineering	48	48	21	43.75
21	5012 - Construction Management & Safety Engineering	47	47	15	31.91
22	5015 - Structural Design I	47	46	13	27.66

### 67 Al-Azhar Polytechnic College, Idukki

Subject	Registered	Appeared	Passed	Pass %
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### Electronics & Communication

1	3049 - Analogue Communication Lab	23	23	23	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	35	35	35	100
3	1008 - COMPUTING FUNDAMENTALS	28	27	27	96.43
4	3047 - Electronics Circuits Lab	23	23	22	95.65
5	1009 - HEALTH & PHYSICAL EDUCATION	28	26	26	92.86
6	5049 - Embedded System Lab	35	33	32	91.43
7	3048 - Digital Electronics Lab	23	23	21	91.3
8	5047 - PCB & Spice Lab	35	33	31	88.57
9	3001 - Environmental Science & Disaster Management	23	23	20	86.96
10	5209 - Digital Communication Lab	35	29	29	82.86
11	3041 - Communication Engineering	23	23	19	82.61

12	1001 - ENGLISH FOR COMMUNICATION-1	28	27	23	82.14
13	5044 - Medical Electronics	35	34	28	80
14	3042 - Digital Electronics	23	23	18	78.26
15	3043 - Electrical Technology	23	23	18	78.26
16	1004 - ENGINEERING CHEMISTRY-1	28	28	19	67.86
17	3044 - Electronic Devices & Circuits	23	23	15	65.22
18	5201 - Digital Communication	35	34	20	57.14
19	5041 - Embedded System	35	33	18	51.43
20	5001 - Industrial Management & Safety	35	31	17	48.57
21	1002 - ENGINEERING MATHEMATICS-1	28	27	11	39.29
22	1003 - ENGINEERING PHYSICS-1	28	28	6	21.43

### **Mechanical Engineering**

1	1008 - COMPUTING FUNDAMENTALS	60	60	60	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
3	1009 - HEALTH & PHYSICAL EDUCATION	60	58	58	96.67
4	3027 - Workshop Practice III	60	53	53	88.33
5	5029 - Machine Shop Practice	51	41	40	78.43
6	5027 - CADD Lab I	51	45	40	78.43
7	5028 - Industrial Maintenance and Servicing Laboratory	51	42	39	76.47
8	1001 - ENGLISH FOR COMMUNICATION-1	60	60	42	70
9	3029 - Fluid Mechanics Lab	60	55	39	65
10	3028 - Electrical Technology Lab	60	46	34	56.67
11	1004 - ENGINEERING CHEMISTRY-1	60	60	32	53.33
12	5001 - Industrial Management & Safety	51	43	24	47.06
13	3001 - Environmental Science & Disaster Management	60	49	23	38.33
14	5023 - Power Plant Engineering	51	47	19	37.25
15	5022 - Industrial Engineering	51	49	18	35.29
16	5021 - Design of Machine Elements	51	39	17	33.33
17	1003 - ENGINEERING PHYSICS-1	60	59	17	28.33
18	1002 - ENGINEERING MATHEMATICS-1	60	60	16	26.67
19	3024 - Machine Drawing	60	48	14	23.33
20	3021 - Electrical & Electronics Engg.	60	49	10	16.67
21	3022 - Fluid Mechanics & Pneumatics	60	48	10	16.67
22	3023 - Manufacturing Process	60	51	6	10

### **Automobile Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	53	53	53	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
3	1008 - COMPUTING FUNDAMENTALS	53	53	53	100
4	3057 - Manufacturing Lab I	54	50	50	92.59
5	1004 - ENGINEERING CHEMISTRY-1	53	53	46	86.79
6	1001 - ENGLISH FOR COMMUNICATION-1	53	53	43	81.13
7	5058 - Automobile Servicing Lab II	46	38	33	71.74

8	3058 - Petrol Engine Service Lab	54	50	37	68.52
9	5059 - Automobile Engineering Lab	46	42	31	67.39
10	5057 - CAD Lab - I	46	37	30	65.22
11	3059 - Hydraulics Lab	54	48	32	59.26
12	5052 - Automobile Transmission	46	38	23	50
13	5054 - Special Purpose Vehicles	46	38	22	47.83
14	3001 - Environmental Science & Disaster Management	54	47	24	44.44
15	1003 - ENGINEERING PHYSICS-1	53	52	22	41.51
16	1002 - ENGINEERING MATHEMATICS-1	53	53	20	37.74
17	5051 - Automobile Design	46	36	15	32.61
18	3021 - Electrical & Electronics Engg.	54	46	17	31.48
19	5001 - Industrial Management & Safety	46	32	14	30.43
20	3024 - Machine Drawing	54	47	14	25.93
21	3052 - Production Process of Automobile Components	54	50	13	24.07
22	3051 - Fluid Mechanics & Machinery	54	47	11	20.37

### Computer Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	25	25	25	100
2	1008 - COMPUTING FUNDAMENTALS	28	26	26	92.86
3	3138 - Digital Computer Principles Lab	21	20	19	90.48
4	5138 - Microprocessor Lab	25	22	22	88
5	5137 - Computer Network Engineering Lab	25	21	21	84
6	1009 - HEALTH & PHYSICAL EDUCATION	28	23	23	82.14
7	1001 - ENGLISH FOR COMMUNICATION-1	28	26	19	67.86
8	3139 - Database Management System Lab	21	19	12	57.14
9	3133 - Digital Computer Principles	21	20	11	52.38
10	5136 - Information Security	25	23	12	48
11	3137 - Objected Oriented Programming Lab	21	18	10	47.62
12	5132 - Project Management & Software Engineering	25	21	11	44
13	3131 - Computer Architecture	21	20	9	42.86
14	1004 - ENGINEERING CHEMISTRY-1	28	26	11	39.29
15	1003 - ENGINEERING PHYSICS-1	28	26	10	35.71
16	3132 - Database Management System	21	20	7	33.33
17	3001 - Environmental Science & Disaster Management	21	19	7	33.33
18	5139 - Web Programming Lab	25	19	8	32
19	3134 - Objected Oriented Programming through C++	21	17	6	28.57
20	1002 - ENGINEERING MATHEMATICS-1	28	26	6	21.43
21	5131 - Microprocessor and Interfacing	25	13	4	16
22	5133 - Web Programming	25	23	3	12

### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	98	98	98	100
2	1008 - COMPUTING FUNDAMENTALS	65	62	61	93.85
3	3019 - Construction Engg. Lab	78	64	64	82.05

4	5018 - Geotechnical Engineering Lab	98	74	74	75.51
5	1009 - HEALTH & PHYSICAL EDUCATION	65	51	49	75.38
6	3017 - Survey Practical II	78	61	53	67.95
7	5019 - Computer Application Lab	98	76	65	66.33
8	1004 - ENGINEERING CHEMISTRY-1	65	62	42	64.62
9	1001 - ENGLISH FOR COMMUNICATION-1	65	62	40	61.54
10	3018 - Concrete Lab	78	60	43	55.13
11	3001 - Environmental Science & Disaster Management	78	61	40	51.28
12	1003 - ENGINEERING PHYSICS-1	65	62	26	40
13	3014 - Building Planning & Drawing	78	65	31	39.74
14	5011 - Building Maintenance & Services	98	86	37	37.76
15	5012 - Construction Management & Safety Engineering	98	60	27	27.55
16	1002 - ENGINEERING MATHEMATICS-1	65	62	17	26.15
17	3011 - Construction Materials and Engineering	78	71	16	20.51
18	5013 - Geotechnical Engineering	98	81	18	18.37
19	5015 - Structural Design I	98	78	14	14.29
20	3012 - Surveying II	78	68	11	14.1
21	5014 - Quantity Surveying II	98	67	13	13.27
22	3013 - Theory of Structures I	78	66	10	12.82

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
2	1009 - HEALTH & PHYSICAL EDUCATION	46	46	46	100
3	1008 - COMPUTING FUNDAMENTALS	46	46	45	97.83
4	3038 - Mechanical Engineering Lab	55	53	45	81.82
5	3037 - Electrical Workshop Practice	55	54	44	80
6	1001 - ENGLISH FOR COMMUNICATION-1	46	46	36	78.26
7	3039 - Electrical Measurements Lab	55	53	42	76.36
8	5038 - Electronics Lab	50	45	38	76
9	5039 - A C Machines Lab I	50	48	35	70
10	1004 - ENGINEERING CHEMISTRY-1	46	45	31	67.39
11	3001 - Environmental Science & Disaster Management	55	53	35	63.64
12	5032 - Power Electronics	50	47	31	62
13	3032 - Electrical Measuring Instruments	55	53	28	50.91
14	5001 - Industrial Management & Safety	50	45	25	50
15	1003 - ENGINEERING PHYSICS-1	46	45	21	45.65
16	3033 - Fundamentals of AC Systems	55	53	22	40
17	1002 - ENGINEERING MATHEMATICS-1	46	45	18	39.13
18	5031 - Induction Machines	50	47	19	38
19	3031 - Analog Devices & Circuits	55	54	19	34.55
20	5034 - Electrical Engineering Materials	50	48	17	34
21	3034 - Mechanical Engineering	55	52	13	23.64

### Civil Engineering(Environmental Engineering)

**68 Malabar Polytechnic Campus, Palaghat**

	Subject	Registered	Appeared	Passed	Pass %
<b>Civil Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	106	106	106	100
2	1008 - COMPUTING FUNDAMENTALS	56	55	55	98.21
3	1009 - HEALTH & PHYSICAL EDUCATION	56	55	55	98.21
4	5019 - Computer Application Lab	106	106	97	91.51
5	3019 - Construction Engg. Lab	57	55	52	91.23
6	3017 - Survey Practical II	57	57	51	89.47
7	3001 - Environmental Science & Disaster Management	57	57	49	85.96
8	5012 - Construction Management & Safety Engineering	106	106	91	85.85
9	3018 - Concrete Lab	57	55	48	84.21
10	5011 - Building Maintenance & Services	106	103	88	83.02
11	5018 - Geotechnical Engineering Lab	106	103	87	82.08
12	1001 - ENGLISH FOR COMMUNICATION-1	56	56	44	78.57
13	5015 - Structural Design I	106	104	79	74.53
14	5014 - Quantity Surveying II	106	105	76	71.7
15	3014 - Building Planning & Drawing	57	57	39	68.42
16	3013 - Theory of Structures I	57	56	39	68.42
17	1004 - ENGINEERING CHEMISTRY-1	56	55	37	66.07
18	5013 - Geotechnical Engineering	106	102	65	61.32
19	3012 - Surveying II	57	57	34	59.65
20	1003 - ENGINEERING PHYSICS-1	56	55	33	58.93
21	3011 - Construction Materials and Engineering	57	56	32	56.14
22	1002 - ENGINEERING MATHEMATICS-1	56	55	29	51.79
<b>Electrical &amp; Electronics Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	57	57	57	100
2	1009 - HEALTH & PHYSICAL EDUCATION	57	57	57	100
3	1008 - COMPUTING FUNDAMENTALS	57	56	55	96.49
4	5035 - Renewable Energy Sources	57	56	52	91.23
5	3037 - Electrical Workshop Practice	47	43	42	89.36
6	1001 - ENGLISH FOR COMMUNICATION-1	57	57	49	85.96
7	5039 - A C Machines Lab I	57	53	48	84.21
8	3001 - Environmental Science & Disaster Management	47	43	39	82.98
9	5038 - Electronics Lab	57	53	47	82.46
10	3039 - Electrical Measurements Lab	47	42	38	80.85
11	3034 - Mechanical Engineering	47	43	36	76.6
12	5031 - Induction Machines	57	54	43	75.44
13	3032 - Electrical Measuring Instruments	47	43	35	74.47
14	5032 - Power Electronics	57	57	42	73.68
15	1004 - ENGINEERING CHEMISTRY-1	57	57	42	73.68



16	3031 - Analog Devices & Circuits	47	43	34	72.34
17	3038 - Mechanical Engineering Lab	47	40	32	68.09
18	1003 - ENGINEERING PHYSICS-1	57	57	34	59.65
19	3033 - Fundamentals of AC Systems	47	43	28	59.57
20	5001 - Industrial Management & Safety	57	56	32	56.14
21	1002 - ENGINEERING MATHEMATICS-1	57	57	26	45.61

### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	108	108	108	100
2	1009 - HEALTH & PHYSICAL EDUCATION	110	109	109	99.09
3	1008 - COMPUTING FUNDAMENTALS	110	108	108	98.18
4	5027 - CADD Lab I	108	102	95	87.96
5	5029 - Machine Shop Practice	108	104	92	85.19
6	5028 - Industrial Maintenance and Servicing Laboratory	108	108	92	85.19
7	1001 - ENGLISH FOR COMMUNICATION-1	110	109	92	83.64
8	3027 - Workshop Practice III	101	93	80	79.21
9	3028 - Electrical Technology Lab	101	94	77	76.24
10	1004 - ENGINEERING CHEMISTRY-1	110	109	83	75.45
11	3029 - Fluid Mechanics Lab	101	92	75	74.26
12	3001 - Environmental Science & Disaster Management	101	93	71	70.3
13	5001 - Industrial Management & Safety	108	108	72	66.67
14	5023 - Power Plant Engineering	108	107	72	66.67
15	3024 - Machine Drawing	101	90	67	66.34
16	1003 - ENGINEERING PHYSICS-1	110	109	64	58.18
17	5022 - Industrial Engineering	108	106	57	52.78
18	3023 - Manufacturing Process	101	94	53	52.48
19	3021 - Electrical & Electronics Engg.	101	94	45	44.55
20	3022 - Fluid Mechanics & Pneumatics	101	93	45	44.55
21	5021 - Design of Machine Elements	108	107	48	44.44
22	1002 - ENGINEERING MATHEMATICS-1	110	109	48	43.64

### 69 Aries Polytechnic College, Palakkad

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	40	40	40	100
2	3018 - Concrete Lab	27	23	23	85.19
3	5019 - Computer Application Lab	40	34	34	85
4	5018 - Geotechnical Engineering Lab	40	33	33	82.5
5	1009 - HEALTH & PHYSICAL EDUCATION	36	29	29	80.56
6	1008 - COMPUTING FUNDAMENTALS	36	29	29	80.56
7	3017 - Survey Practical II	27	22	21	77.78
8	3019 - Construction Engg. Lab	27	21	21	77.78
9	3001 - Environmental Science & Disaster Management	27	23	19	70.37

10	1004 - ENGINEERING CHEMISTRY-1	36	32	17	47.22
11	3011 - Construction Materials and Engineering	27	23	10	37.04
12	5013 - Geotechnical Engineering	40	33	13	32.5
13	1001 - ENGLISH FOR COMMUNICATION-1	36	31	11	30.56
14	3014 - Building Planning & Drawing	27	23	7	25.93
15	5012 - Construction Management & Safety Engineering	40	32	10	25
16	5016 - Cost Effective Construction & Green Building	40	33	9	22.5
17	1003 - ENGINEERING PHYSICS-1	36	32	8	22.22
18	3012 - Surveying II	27	22	5	18.52
19	5015 - Structural Design I	40	35	7	17.5
20	3013 - Theory of Structures I	27	23	4	14.81
21	5014 - Quantity Surveying II	40	29	4	10
22	1002 - ENGINEERING MATHEMATICS-1	36	32	3	8.33

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	30	30	30	100
2	1009 - HEALTH & PHYSICAL EDUCATION	53	48	48	90.57
3	1008 - COMPUTING FUNDAMENTALS	53	48	48	90.57
4	3058 - Petrol Engine Service Lab	30	24	24	80
5	5058 - Automobile Servicing Lab II	30	24	24	80
6	3059 - Hydraulics Lab	30	25	23	76.67
7	3001 - Environmental Science & Disaster Management	30	28	21	70
8	5059 - Automobile Engineering Lab	30	24	21	70
9	5057 - CAD Lab - I	30	21	20	66.67
10	3051 - Fluid Mechanics & Machinery	30	26	19	63.33
11	3024 - Machine Drawing	30	26	19	63.33
12	3057 - Manufacturing Lab I	30	24	18	60
13	5054 - Special Purpose Vehicles	30	24	14	46.67
14	1004 - ENGINEERING CHEMISTRY-1	53	49	22	41.51
15	1001 - ENGLISH FOR COMMUNICATION-1	53	49	19	35.85
16	5051 - Automobile Design	30	24	10	33.33
17	3052 - Production Process of Automobile Components	30	25	10	33.33
18	1003 - ENGINEERING PHYSICS-1	53	49	16	30.19
19	3021 - Electrical & Electronics Engg.	30	25	8	26.67
20	5052 - Automobile Transmission	30	24	7	23.33
21	5001 - Industrial Management & Safety	30	23	7	23.33
22	1002 - ENGINEERING MATHEMATICS-1	53	49	5	9.43

### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
2	1009 - HEALTH & PHYSICAL EDUCATION	47	44	44	93.62
3	1008 - COMPUTING FUNDAMENTALS	47	44	44	93.62
4	3027 - Workshop Practice III	49	45	45	91.84
5	3029 - Fluid Mechanics Lab	49	45	43	87.76

6	5027 - CADD Lab I	48	41	41	85.42
7	5028 - Industrial Maintenance and Servicing Laboratory	48	40	40	83.33
8	3001 - Environmental Science & Disaster Management	49	44	39	79.59
9	5029 - Machine Shop Practice	48	40	38	79.17
10	3024 - Machine Drawing	49	45	34	69.39
11	3022 - Fluid Mechanics & Pneumatics	49	45	33	67.35
12	5023 - Power Plant Engineering	48	45	32	66.67
13	3028 - Electrical Technology Lab	49	41	31	63.27
14	5021 - Design of Machine Elements	48	45	26	54.17
15	1004 - ENGINEERING CHEMISTRY-1	47	46	24	51.06
16	1001 - ENGLISH FOR COMMUNICATION-1	47	46	22	46.81
17	5001 - Industrial Management & Safety	48	44	22	45.83
18	1003 - ENGINEERING PHYSICS-1	47	46	20	42.55
19	5022 - Industrial Engineering	48	46	19	39.58
20	1002 - ENGINEERING MATHEMATICS-1	47	46	12	25.53
21	3023 - Manufacturing Process	49	44	10	20.41
22	3021 - Electrical & Electronics Engg.	49	45	9	18.37

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	5038 - Electronics Lab	47	42	42	89.36
3	5039 - A C Machines Lab I	47	42	42	89.36
4	1009 - HEALTH & PHYSICAL EDUCATION	55	49	49	89.09
5	1008 - COMPUTING FUNDAMENTALS	55	49	49	89.09
6	3037 - Electrical Workshop Practice	32	27	27	84.38
7	3039 - Electrical Measurements Lab	32	24	24	75
8	5035 - Renewable Energy Sources	47	43	32	68.09
9	3001 - Environmental Science & Disaster Management	32	28	21	65.63
10	3034 - Mechanical Engineering	32	27	20	62.5
11	1004 - ENGINEERING CHEMISTRY-1	55	49	28	50.91
12	3038 - Mechanical Engineering Lab	32	24	15	46.88
13	5031 - Induction Machines	47	44	19	40.43
14	3031 - Analog Devices & Circuits	32	27	12	37.5
15	3032 - Electrical Measuring Instruments	32	25	12	37.5
16	5032 - Power Electronics	47	42	17	36.17
17	5001 - Industrial Management & Safety	47	44	16	34.04
18	3033 - Fundamentals of AC Systems	32	27	10	31.25
19	1001 - ENGLISH FOR COMMUNICATION-1	55	49	16	29.09
20	1003 - ENGINEERING PHYSICS-1	55	49	15	27.27
21	1002 - ENGINEERING MATHEMATICS-1	55	49	14	25.45

### Electronics

1	5009 - Industrial Training/Industrial Visit/Collaborative work	24	24	24	100
2	5047 - PCB & Spice Lab	24	24	24	100

3	5048 - Industrial Electronics & PLC Lab	24	24	24	100
4	5049 - Embedded System Lab	24	24	24	100
5	3047 - Electronics Circuits Lab	11	10	10	90.91
6	3048 - Digital Electronics Lab	11	10	10	90.91
7	3049 - Analogue Communication Lab	11	10	10	90.91
8	1009 - HEALTH & PHYSICAL EDUCATION	24	20	20	83.33
9	1008 - COMPUTING FUNDAMENTALS	24	20	20	83.33
10	5042 - Industrial Electronics & PLC	24	24	14	58.33
11	5041 - Embedded System	24	23	9	37.5
12	5001 - Industrial Management & Safety	24	23	7	29.17
13	3042 - Digital Electronics	11	11	3	27.27
14	1004 - ENGINEERING CHEMISTRY-1	24	20	6	25
15	5044 - Medical Electronics	24	24	5	20.83
16	3041 - Communication Engineering	11	11	2	18.18
17	3001 - Environmental Science & Disaster Management	11	10	2	18.18
18	1003 - ENGINEERING PHYSICS-1	24	20	4	16.67
19	1001 - ENGLISH FOR COMMUNICATION-1	24	20	3	12.5
20	3044 - Electronic Devices & Circuits	11	10	1	9.09
21	3043 - Electrical Technology	11	11	1	9.09
22	1002 - ENGINEERING MATHEMATICS-1	24	20	2	8.33

**70 Matha College of Technology, North Paravur**

Subject	Registered	Appeared	Passed	Pass %
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**Civil Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	54	54	54	100
2	1009 - HEALTH & PHYSICAL EDUCATION	52	51	51	98.08
3	1008 - COMPUTING FUNDAMENTALS	52	51	51	98.08
4	5019 - Computer Application Lab	54	52	51	94.44
5	3019 - Construction Engg. Lab	60	55	50	83.33
6	5018 - Geotechnical Engineering Lab	54	44	44	81.48
7	1001 - ENGLISH FOR COMMUNICATION-1	52	51	40	76.92
8	3017 - Survey Practical II	60	46	46	76.67
9	3018 - Concrete Lab	60	46	43	71.67
10	3001 - Environmental Science & Disaster Management	60	59	37	61.67
11	1004 - ENGINEERING CHEMISTRY-1	52	51	30	57.69
12	1003 - ENGINEERING PHYSICS-1	52	51	25	48.08
13	5016 - Cost Effective Construction & Green Building	54	50	24	44.44
14	1002 - ENGINEERING MATHEMATICS-1	52	51	20	38.46
15	5012 - Construction Management & Safety Engineering	54	51	18	33.33
16	5015 - Structural Design I	54	49	13	24.07
17	3014 - Building Planning & Drawing	60	53	14	23.33
18	5013 - Geotechnical Engineering	54	49	11	20.37
19	3011 - Construction Materials and Engineering	60	59	10	16.67

20	3012 - Surveying II	60	56	7	11.67
21	3013 - Theory of Structures I	60	59	6	10
22	5014 - Quantity Surveying II	54	35	1	1.85

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	5028 - Industrial Maintenance and Servicing Laboratory	55	54	53	96.36
3	5029 - Machine Shop Practice	55	53	53	96.36
4	1008 - COMPUTING FUNDAMENTALS	59	56	56	94.92
5	1009 - HEALTH & PHYSICAL EDUCATION	59	56	56	94.92
6	3027 - Workshop Practice III	61	60	57	93.44
7	1001 - ENGLISH FOR COMMUNICATION-1	59	56	48	81.36
8	5027 - CADD Lab I	55	54	42	76.36
9	3001 - Environmental Science & Disaster Management	61	60	46	75.41
10	3029 - Fluid Mechanics Lab	61	54	44	72.13
11	3028 - Electrical Technology Lab	61	45	44	72.13
12	1004 - ENGINEERING CHEMISTRY-1	59	56	42	71.19
13	3024 - Machine Drawing	61	60	27	44.26
14	3022 - Fluid Mechanics & Pneumatics	61	58	27	44.26
15	5001 - Industrial Management & Safety	55	54	23	41.82
16	1002 - ENGINEERING MATHEMATICS-1	59	56	24	40.68
17	1003 - ENGINEERING PHYSICS-1	59	56	23	38.98
18	3021 - Electrical & Electronics Engg.	61	60	23	37.7
19	5023 - Power Plant Engineering	55	47	15	27.27
20	5021 - Design of Machine Elements	55	48	13	23.64
21	3023 - Manufacturing Process	61	57	13	21.31
22	5022 - Industrial Engineering	55	52	11	20

### **Automobile Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	50	50	50	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	60	60	100
3	1008 - COMPUTING FUNDAMENTALS	60	60	60	100
4	5059 - Automobile Engineering Lab	50	39	39	78
5	1001 - ENGLISH FOR COMMUNICATION-1	60	60	46	76.67
6	5057 - CAD Lab - I	50	38	38	76
7	5058 - Automobile Servicing Lab II	50	38	38	76
8	3058 - Petrol Engine Service Lab	57	48	43	75.44
9	3057 - Manufacturing Lab I	57	48	34	59.65
10	3059 - Hydraulics Lab	57	37	32	56.14
11	3001 - Environmental Science & Disaster Management	57	57	30	52.63
12	1004 - ENGINEERING CHEMISTRY-1	60	60	31	51.67
13	3024 - Machine Drawing	57	49	21	36.84
14	3052 - Production Process of Automobile Components	57	55	16	28.07
15	3021 - Electrical & Electronics Engg.	57	55	16	28.07

16	5053 - Fuels and Combustion	50	45	14	28
17	1003 - ENGINEERING PHYSICS-1	60	60	15	25
18	5001 - Industrial Management & Safety	50	46	12	24
19	1002 - ENGINEERING MATHEMATICS-1	60	60	14	23.33
20	5051 - Automobile Design	50	48	10	20
21	5052 - Automobile Transmission	50	48	8	16
22	3051 - Fluid Mechanics & Machinery	57	53	9	15.79

**71 Indira Gandhi Polytechnic College, Kothamangalam**

	Subject	Registered	Appeared	Passed	Pass %
<b>Civil Engineering</b>					
1	5009 - Industrial Training/Industrial Visit/Collaborative work	44	44	44	100
2	5019 - Computer Application Lab	44	44	39	88.64
3	1009 - HEALTH & PHYSICAL EDUCATION	54	45	45	83.33
4	5018 - Geotechnical Engineering Lab	44	41	36	81.82
5	3019 - Construction Engg. Lab	42	41	34	80.95
6	3001 - Environmental Science & Disaster Management	42	35	33	78.57
7	3017 - Survey Practical II	42	38	33	78.57
8	3014 - Building Planning & Drawing	42	39	31	73.81
9	1008 - COMPUTING FUNDAMENTALS	54	46	38	70.37
10	3018 - Concrete Lab	42	36	29	69.05
11	5011 - Building Maintenance & Services	44	41	26	59.09
12	1001 - ENGLISH FOR COMMUNICATION-1	54	47	28	51.85
13	5012 - Construction Management & Safety Engineering	44	42	19	43.18
14	1004 - ENGINEERING CHEMISTRY-1	54	48	23	42.59
15	3011 - Construction Materials and Engineering	42	40	17	40.48
16	1003 - ENGINEERING PHYSICS-1	54	48	20	37.04
17	5015 - Structural Design I	44	43	15	34.09
18	5014 - Quantity Surveying II	44	40	15	34.09
19	5013 - Geotechnical Engineering	44	43	14	31.82
20	1002 - ENGINEERING MATHEMATICS-1	54	47	17	31.48
21	3012 - Surveying II	42	40	12	28.57
22	3013 - Theory of Structures I	42	40	8	19.05

**Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	51	51	51	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36
3	5028 - Industrial Maintenance and Servicing Laboratory	51	49	49	96.08
4	5027 - CADD Lab I	51	48	48	94.12
5	3027 - Workshop Practice III	56	52	51	91.07
6	5029 - Machine Shop Practice	51	48	46	90.2
7	1008 - COMPUTING FUNDAMENTALS	61	61	55	90.16
8	3001 - Environmental Science & Disaster Management	56	54	48	85.71

9	1001 - ENGLISH FOR COMMUNICATION-1	61	61	49	80.33
10	5001 - Industrial Management & Safety	51	49	40	78.43
11	3029 - Fluid Mechanics Lab	56	52	43	76.79
12	3028 - Electrical Technology Lab	56	53	39	69.64
13	3023 - Manufacturing Process	56	53	34	60.71
14	1004 - ENGINEERING CHEMISTRY-1	61	61	35	57.38
15	3024 - Machine Drawing	56	51	31	55.36
16	5023 - Power Plant Engineering	51	50	24	47.06
17	3022 - Fluid Mechanics & Pneumatics	56	52	25	44.64
18	3021 - Electrical & Electronics Engg.	56	55	22	39.29
19	1003 - ENGINEERING PHYSICS-1	61	61	23	37.7
20	5022 - Industrial Engineering	51	47	16	31.37
21	5021 - Design of Machine Elements	51	49	16	31.37
22	1002 - ENGINEERING MATHEMATICS-1	61	61	19	31.15

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	1009 - HEALTH & PHYSICAL EDUCATION	58	53	53	91.38
3	3039 - Electrical Measurements Lab	49	47	41	83.67
4	3037 - Electrical Workshop Practice	49	47	39	79.59
5	5038 - Electronics Lab	43	38	34	79.07
6	3038 - Mechanical Engineering Lab	49	46	36	73.47
7	3001 - Environmental Science & Disaster Management	49	49	34	69.39
8	5039 - A C Machines Lab I	43	36	29	67.44
9	1008 - COMPUTING FUNDAMENTALS	58	56	38	65.52
10	3032 - Electrical Measuring Instruments	49	49	32	65.31
11	5001 - Industrial Management & Safety	43	39	27	62.79
12	3034 - Mechanical Engineering	49	49	30	61.22
13	1001 - ENGLISH FOR COMMUNICATION-1	58	56	28	48.28
14	1004 - ENGINEERING CHEMISTRY-1	58	56	24	41.38
15	3031 - Analog Devices & Circuits	49	49	18	36.73
16	1003 - ENGINEERING PHYSICS-1	58	56	20	34.48
17	3033 - Fundamentals of AC Systems	49	48	15	30.61
18	5035 - Renewable Energy Sources	43	41	13	30.23
19	5032 - Power Electronics	43	41	12	27.91
20	5031 - Induction Machines	43	40	11	25.58
21	1002 - ENGINEERING MATHEMATICS-1	58	56	10	17.24

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	58	58	95.08
3	3057 - Manufacturing Lab I	58	52	49	84.48
4	5057 - CAD Lab - I	46	41	35	76.09
5	1008 - COMPUTING FUNDAMENTALS	61	58	46	75.41

6	5058 - Automobile Servicing Lab II	46	36	33	71.74
7	5054 - Special Purpose Vehicles	46	44	30	65.22
8	1001 - ENGLISH FOR COMMUNICATION-1	61	59	37	60.66
9	3001 - Environmental Science & Disaster Management	58	42	35	60.34
10	5059 - Automobile Engineering Lab	46	36	27	58.7
11	3058 - Petrol Engine Service Lab	58	49	34	58.62
12	3024 - Machine Drawing	58	48	32	55.17
13	1004 - ENGINEERING CHEMISTRY-1	61	58	33	54.1
14	5051 - Automobile Design	46	44	24	52.17
15	3059 - Hydraulics Lab	58	54	29	50
16	1003 - ENGINEERING PHYSICS-1	61	59	28	45.9
17	5001 - Industrial Management & Safety	46	42	20	43.48
18	5052 - Automobile Transmission	46	41	19	41.3
19	1002 - ENGINEERING MATHEMATICS-1	61	59	18	29.51
20	3052 - Production Process of Automobile Components	58	53	17	29.31
21	3021 - Electrical & Electronics Engg.	58	46	10	17.24
22	3051 - Fluid Mechanics & Machinery	58	48	8	13.79

### Tool & Die Engineering

1	5117 - Press Tool Lab	34	32	32	94.12
2	1009 - HEALTH & PHYSICAL EDUCATION	45	41	41	91.11
3	3112 - Tool Engineering Drawing	51	46	44	86.27
4	3117 - Workshop Practice III	51	43	42	82.35
5	5119 - Moulds & Dies Drawing	34	31	27	79.41
6	3119 - Metrology Lab	51	41	40	78.43
7	3118 - Tool Engineering Lab II	51	44	39	76.47
8	1008 - COMPUTING FUNDAMENTALS	45	39	30	66.67
9	3001 - Environmental Science & Disaster Management	51	48	33	64.71
10	5118 - Press Tool Drawing	34	30	14	41.18
11	1001 - ENGLISH FOR COMMUNICATION-1	45	42	18	40
12	3111 - Engineering Metrology	51	45	18	35.29
13	1004 - ENGINEERING CHEMISTRY-1	45	43	12	26.67
14	3022 - Fluid Mechanics & Pneumatics	51	45	11	21.57
15	5001 - Industrial Management & Safety	34	14	7	20.59
16	1003 - ENGINEERING PHYSICS-1	45	43	9	20
17	3021 - Electrical & Electronics Engg.	51	36	10	19.61
18	5111 - Press Tool Technology	34	28	6	17.65
19	5113 - Plastic Moulding Technology	34	29	5	14.71
20	5022 - Industrial Engineering	34	23	4	11.76
21	1002 - ENGINEERING MATHEMATICS-1	45	43	5	11.11

### 72 KMCT Polytechnic College, Malappuram

Subject	Registered	Appeared	Passed	Pass %
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## Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	96	96	96	100
2	1009 - HEALTH & PHYSICAL EDUCATION	92	92	92	100
3	1008 - COMPUTING FUNDAMENTALS	92	92	83	90.22
4	5018 - Geotechnical Engineering Lab	96	86	82	85.42
5	5019 - Computer Application Lab	96	85	75	78.13
6	3019 - Construction Engg. Lab	95	83	66	69.47
7	1004 - ENGINEERING CHEMISTRY-1	92	92	59	64.13
8	3017 - Survey Practical II	95	79	57	60
9	3018 - Concrete Lab	95	84	57	60
10	1001 - ENGLISH FOR COMMUNICATION-1	92	92	52	56.52
11	5011 - Building Maintenance & Services	96	89	54	56.25
12	3001 - Environmental Science & Disaster Management	95	78	42	44.21
13	3014 - Building Planning & Drawing	95	82	40	42.11
14	5013 - Geotechnical Engineering	96	87	39	40.63
15	5012 - Construction Management & Safety Engineering	96	87	35	36.46
16	1003 - ENGINEERING PHYSICS-1	92	90	32	34.78
17	1002 - ENGINEERING MATHEMATICS-1	92	92	26	28.26
18	3013 - Theory of Structures I	95	84	26	27.37
19	5014 - Quantity Surveying II	96	76	22	22.92
20	5015 - Structural Design I	96	88	22	22.92
21	3011 - Construction Materials and Engineering	95	87	21	22.11
22	3012 - Surveying II	95	82	17	17.89

## Mechanical Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	126	126	126	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	98	98	98	100
3	5027 - CADD Lab I	98	95	95	96.94
4	5029 - Machine Shop Practice	98	95	95	96.94
5	5028 - Industrial Maintenance and Servicing Laboratory	98	93	93	94.9
6	1008 - COMPUTING FUNDAMENTALS	126	126	114	90.48
7	3027 - Workshop Practice III	112	100	96	85.71
8	3029 - Fluid Mechanics Lab	112	97	86	76.79
9	3028 - Electrical Technology Lab	112	95	80	71.43
10	3001 - Environmental Science & Disaster Management	112	101	75	66.96
11	3024 - Machine Drawing	112	102	72	64.29
12	5001 - Industrial Management & Safety	98	93	62	63.27
13	5023 - Power Plant Engineering	98	95	60	61.22
14	1004 - ENGINEERING CHEMISTRY-1	126	126	75	59.52
15	5021 - Design of Machine Elements	98	94	58	59.18
16	5022 - Industrial Engineering	98	95	51	52.04
17	1001 - ENGLISH FOR COMMUNICATION-1	126	126	63	50
18	3022 - Fluid Mechanics & Pneumatics	112	101	50	44.64

19	3023 - Manufacturing Process	112	99	39	34.82
20	3021 - Electrical & Electronics Engg.	112	103	30	26.79
21	1003 - ENGINEERING PHYSICS-1	126	126	26	20.63
22	1002 - ENGINEERING MATHEMATICS-1	126	126	25	19.84

### Automobile Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	58	58	58	100
2	3058 - Petrol Engine Service Lab	44	38	38	86.36
3	1008 - COMPUTING FUNDAMENTALS	58	57	48	82.76
4	3057 - Manufacturing Lab I	44	39	35	79.55
5	3001 - Environmental Science & Disaster Management	44	41	26	59.09
6	3059 - Hydraulics Lab	44	36	24	54.55
7	1001 - ENGLISH FOR COMMUNICATION-1	58	57	27	46.55
8	1004 - ENGINEERING CHEMISTRY-1	58	56	25	43.1
9	3024 - Machine Drawing	44	41	18	40.91
10	3051 - Fluid Mechanics & Machinery	44	41	12	27.27
11	3052 - Production Process of Automobile Components	44	40	8	18.18
12	1003 - ENGINEERING PHYSICS-1	58	58	9	15.52
13	3021 - Electrical & Electronics Engg.	44	44	6	13.64
14	1002 - ENGINEERING MATHEMATICS-1	58	58	6	10.34

### 73 M-DIT Polytechnic College, Ulliyeri

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	5018 - Geotechnical Engineering Lab	49	49	49	100
3	5019 - Computer Application Lab	49	49	49	100
4	3019 - Construction Engg. Lab	53	51	51	96.23
5	1009 - HEALTH & PHYSICAL EDUCATION	61	58	58	95.08
6	3017 - Survey Practical II	53	51	47	88.68
7	1008 - COMPUTING FUNDAMENTALS	61	59	51	83.61
8	3018 - Concrete Lab	53	51	43	81.13
9	3001 - Environmental Science & Disaster Management	53	53	40	75.47
10	3014 - Building Planning & Drawing	53	52	39	73.58
11	5017 - Habitat Technology	49	49	34	69.39
12	5012 - Construction Management & Safety Engineering	49	49	31	63.27
13	1001 - ENGLISH FOR COMMUNICATION-1	61	59	38	62.3
14	5015 - Structural Design I	49	47	29	59.18
15	5013 - Geotechnical Engineering	49	49	28	57.14
16	5014 - Quantity Surveying II	49	48	27	55.1
17	1004 - ENGINEERING CHEMISTRY-1	61	59	30	49.18
18	3013 - Theory of Structures I	53	51	25	47.17
19	3011 - Construction Materials and Engineering	53	53	25	47.17

20	1002 - ENGINEERING MATHEMATICS-1	61	59	24	39.34
21	1003 - ENGINEERING PHYSICS-1	61	58	23	37.7
22	3012 - Surveying II	53	52	19	35.85

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	46	46	46	100
2	1009 - HEALTH & PHYSICAL EDUCATION	57	56	56	98.25
3	5029 - Machine Shop Practice	46	45	45	97.83
4	5027 - CADD Lab I	46	45	44	95.65
5	3027 - Workshop Practice III	61	56	56	91.8
6	5028 - Industrial Maintenance and Servicing Laboratory	46	45	41	89.13
7	1008 - COMPUTING FUNDAMENTALS	57	56	45	78.95
8	3029 - Fluid Mechanics Lab	61	56	45	73.77
9	3028 - Electrical Technology Lab	61	53	43	70.49
10	3001 - Environmental Science & Disaster Management	61	57	39	63.93
11	3024 - Machine Drawing	61	59	35	57.38
12	5001 - Industrial Management & Safety	46	46	24	52.17
13	5023 - Power Plant Engineering	46	46	23	50
14	5021 - Design of Machine Elements	46	46	19	41.3
15	1001 - ENGLISH FOR COMMUNICATION-1	57	57	17	29.82
16	1003 - ENGINEERING PHYSICS-1	57	57	17	29.82
17	1004 - ENGINEERING CHEMISTRY-1	57	57	16	28.07
18	5022 - Industrial Engineering	46	46	11	23.91
19	3023 - Manufacturing Process	61	57	14	22.95
20	1002 - ENGINEERING MATHEMATICS-1	57	57	12	21.05
21	3022 - Fluid Mechanics & Pneumatics	61	57	10	16.39
22	3021 - Electrical & Electronics Engg.	61	59	8	13.11

### **Automobile Engineering**

1	1009 - HEALTH & PHYSICAL EDUCATION	53	53	53	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	41	41	41	100
3	5057 - CAD Lab - I	41	40	40	97.56
4	5059 - Automobile Engineering Lab	41	41	40	97.56
5	3057 - Manufacturing Lab I	48	44	44	91.67
6	5058 - Automobile Servicing Lab II	41	41	37	90.24
7	3058 - Petrol Engine Service Lab	48	42	36	75
8	5052 - Automobile Transmission	41	38	30	73.17
9	1008 - COMPUTING FUNDAMENTALS	53	52	37	69.81
10	3059 - Hydraulics Lab	48	40	31	64.58
11	5053 - Fuels and Combustion	41	40	26	63.41
12	5051 - Automobile Design	41	41	20	48.78
13	1004 - ENGINEERING CHEMISTRY-1	53	53	21	39.62
14	3001 - Environmental Science & Disaster Management	48	30	19	39.58
15	1001 - ENGLISH FOR COMMUNICATION-1	53	53	20	37.74

16	5001 - Industrial Management & Safety	41	40	15	36.59
17	3024 - Machine Drawing	48	43	16	33.33
18	1002 - ENGINEERING MATHEMATICS-1	53	53	11	20.75
19	3052 - Production Process of Automobile Components	48	45	8	16.67
20	1003 - ENGINEERING PHYSICS-1	53	53	8	15.09
21	3051 - Fluid Mechanics & Machinery	48	43	6	12.5
22	3021 - Electrical & Electronics Engg.	48	42	5	10.42

**Electronics & Communication**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	35	35	35	100
2	5047 - PCB & Spice Lab	35	34	34	97.14
3	5209 - Digital Communication Lab	35	33	32	91.43
4	5049 - Embedded System Lab	35	33	31	88.57
5	1009 - HEALTH & PHYSICAL EDUCATION	28	24	24	85.71
6	3048 - Digital Electronics Lab	43	38	36	83.72
7	1008 - COMPUTING FUNDAMENTALS	28	23	23	82.14
8	3049 - Analogue Communication Lab	43	37	33	76.74
9	1001 - ENGLISH FOR COMMUNICATION-1	28	24	17	60.71
10	1004 - ENGINEERING CHEMISTRY-1	28	24	17	60.71
11	3047 - Electronics Circuits Lab	43	37	26	60.47
12	3042 - Digital Electronics	43	37	26	60.47
13	3001 - Environmental Science & Disaster Management	43	29	18	41.86
14	5041 - Embedded System	35	31	14	40
15	1003 - ENGINEERING PHYSICS-1	28	24	10	35.71
16	5043 - Control System	35	33	9	25.71
17	3041 - Communication Engineering	43	37	11	25.58
18	1002 - ENGINEERING MATHEMATICS-1	28	24	7	25
19	3043 - Electrical Technology	43	38	10	23.26
20	5001 - Industrial Management & Safety	35	32	6	17.14
21	5201 - Digital Communication	35	33	5	14.29
22	3044 - Electronic Devices & Circuits	43	38	6	13.95

**74 Orphanage Polytechnic College, Edavanna**

Subject	Registered	Appeared	Passed	Pass %
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**Civil Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	5018 - Geotechnical Engineering Lab	47	45	42	89.36
3	1008 - COMPUTING FUNDAMENTALS	58	55	50	86.21
4	1009 - HEALTH & PHYSICAL EDUCATION	58	55	47	81.03
5	3019 - Construction Engg. Lab	54	54	43	79.63
6	1004 - ENGINEERING CHEMISTRY-1	58	56	41	70.69
7	3001 - Environmental Science & Disaster Management	54	54	38	70.37
8	3018 - Concrete Lab	54	54	38	70.37

9	1001 - ENGLISH FOR COMMUNICATION-1	58	55	40	68.97
10	5012 - Construction Management & Safety Engineering	47	46	29	61.7
11	3017 - Survey Practical II	54	53	31	57.41
12	3014 - Building Planning & Drawing	54	53	30	55.56
13	3011 - Construction Materials and Engineering	54	54	30	55.56
14	5019 - Computer Application Lab	47	44	24	51.06
15	1003 - ENGINEERING PHYSICS-1	58	55	23	39.66
16	1002 - ENGINEERING MATHEMATICS-1	58	56	21	36.21
17	5013 - Geotechnical Engineering	47	45	17	36.17
18	3012 - Surveying II	54	54	17	31.48
19	5014 - Quantity Surveying II	47	42	14	29.79
20	5015 - Structural Design I	47	42	14	29.79
21	5017 - Habitat Technology	47	44	13	27.66
22	3013 - Theory of Structures I	54	54	12	22.22

### **Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	5027 - CADD Lab I	49	46	46	93.88
3	3027 - Workshop Practice III	47	44	44	93.62
4	1008 - COMPUTING FUNDAMENTALS	59	58	53	89.83
5	1009 - HEALTH & PHYSICAL EDUCATION	59	57	52	88.14
6	5029 - Machine Shop Practice	49	46	43	87.76
7	1001 - ENGLISH FOR COMMUNICATION-1	59	58	45	76.27
8	5028 - Industrial Maintenance and Servicing Laboratory	49	46	37	75.51
9	5023 - Power Plant Engineering	49	46	37	75.51
10	3028 - Electrical Technology Lab	47	42	35	74.47
11	1004 - ENGINEERING CHEMISTRY-1	59	58	42	71.19
12	3001 - Environmental Science & Disaster Management	47	43	31	65.96
13	3024 - Machine Drawing	47	44	28	59.57
14	5001 - Industrial Management & Safety	49	43	29	59.18
15	3029 - Fluid Mechanics Lab	47	40	26	55.32
16	3021 - Electrical & Electronics Engg.	47	45	24	51.06
17	1003 - ENGINEERING PHYSICS-1	59	58	29	49.15
18	3023 - Manufacturing Process	47	44	21	44.68
19	3022 - Fluid Mechanics & Pneumatics	47	45	20	42.55
20	5022 - Industrial Engineering	49	46	16	32.65
21	1002 - ENGINEERING MATHEMATICS-1	59	58	19	32.2
22	5021 - Design of Machine Elements	49	46	15	30.61

### **Electrical & Electronics Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	5038 - Electronics Lab	49	46	44	89.8
3	5039 - A C Machines Lab I	49	47	43	87.76
4	1008 - COMPUTING FUNDAMENTALS	57	54	47	82.46

5	5031 - Induction Machines	49	49	40	81.63
6	3037 - Electrical Workshop Practice	57	54	46	80.7
7	3032 - Electrical Measuring Instruments	57	55	43	75.44
8	1009 - HEALTH & PHYSICAL EDUCATION	57	55	41	71.93
9	3001 - Environmental Science & Disaster Management	57	54	41	71.93
10	5001 - Industrial Management & Safety	49	47	31	63.27
11	1001 - ENGLISH FOR COMMUNICATION-1	57	55	35	61.4
12	3038 - Mechanical Engineering Lab	57	41	34	59.65
13	5032 - Power Electronics	49	49	29	59.18
14	1004 - ENGINEERING CHEMISTRY-1	57	55	33	57.89
15	3039 - Electrical Measurements Lab	57	52	33	57.89
16	3033 - Fundamentals of AC Systems	57	54	29	50.88
17	5034 - Electrical Engineering Materials	49	48	24	48.98
18	1003 - ENGINEERING PHYSICS-1	57	55	27	47.37
19	3034 - Mechanical Engineering	57	54	24	42.11
20	1002 - ENGINEERING MATHEMATICS-1	57	55	20	35.09
21	3031 - Analog Devices & Circuits	57	53	14	24.56

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	47	47	47	100
2	5057 - CAD Lab - I	47	45	44	93.62
3	5058 - Automobile Servicing Lab II	47	43	40	85.11
4	1008 - COMPUTING FUNDAMENTALS	60	60	51	85
5	5059 - Automobile Engineering Lab	47	39	39	82.98
6	1009 - HEALTH & PHYSICAL EDUCATION	60	60	47	78.33
7	3057 - Manufacturing Lab I	48	37	37	77.08
8	3058 - Petrol Engine Service Lab	48	39	35	72.92
9	5052 - Automobile Transmission	47	45	32	68.09
10	3059 - Hydraulics Lab	48	37	30	62.5
11	5053 - Fuels and Combustion	47	45	29	61.7
12	1001 - ENGLISH FOR COMMUNICATION-1	60	60	37	61.67
13	3024 - Machine Drawing	48	37	29	60.42
14	3001 - Environmental Science & Disaster Management	48	38	29	60.42
15	1004 - ENGINEERING CHEMISTRY-1	60	60	36	60
16	5001 - Industrial Management & Safety	47	40	26	55.32
17	3052 - Production Process of Automobile Components	48	38	18	37.5
18	3051 - Fluid Mechanics & Machinery	48	37	16	33.33
19	3021 - Electrical & Electronics Engg.	48	38	16	33.33
20	5051 - Automobile Design	47	43	15	31.91
21	1002 - ENGINEERING MATHEMATICS-1	60	60	14	23.33
22	1003 - ENGINEERING PHYSICS-1	60	60	14	23.33

### 75 Malabar Polytechnic College, Kottakkal

Subject	Registered	Appeared	Passed	Pass %
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## Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	56	56	56	100
2	3018 - Concrete Lab	53	51	51	96.23
3	1008 - COMPUTING FUNDAMENTALS	52	50	48	92.31
4	1009 - HEALTH & PHYSICAL EDUCATION	52	48	48	92.31
5	3019 - Construction Engg. Lab	53	51	48	90.57
6	3017 - Survey Practical II	53	49	45	84.91
7	5019 - Computer Application Lab	56	51	42	75
8	1004 - ENGINEERING CHEMISTRY-1	52	51	37	71.15
9	3001 - Environmental Science & Disaster Management	53	51	36	67.92
10	5018 - Geotechnical Engineering Lab	56	39	37	66.07
11	5016 - Cost Effective Construction & Green Building	56	54	35	62.5
12	1001 - ENGLISH FOR COMMUNICATION-1	52	51	31	59.62
13	3014 - Building Planning & Drawing	53	51	25	47.17
14	5012 - Construction Management & Safety Engineering	56	56	26	46.43
15	1003 - ENGINEERING PHYSICS-1	52	50	24	46.15
16	5015 - Structural Design I	56	55	25	44.64
17	5013 - Geotechnical Engineering	56	54	24	42.86
18	3012 - Surveying II	53	51	22	41.51
19	3013 - Theory of Structures I	53	51	22	41.51
20	5014 - Quantity Surveying II	56	50	21	37.5
21	3011 - Construction Materials and Engineering	53	51	19	35.85
22	1002 - ENGINEERING MATHEMATICS-1	52	50	17	32.69

## Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	52	52	52	100
2	1008 - COMPUTING FUNDAMENTALS	60	60	59	98.33
3	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
4	5027 - CADD Lab I	52	51	51	98.08
5	3027 - Workshop Practice III	50	49	49	98
6	5028 - Industrial Maintenance and Servicing Laboratory	52	48	48	92.31
7	5029 - Machine Shop Practice	52	50	47	90.38
8	3001 - Environmental Science & Disaster Management	50	49	42	84
9	3028 - Electrical Technology Lab	50	48	41	82
10	5024 - Alternate Energy Sources and Management	52	51	42	80.77
11	3029 - Fluid Mechanics Lab	50	48	36	72
12	3024 - Machine Drawing	50	48	34	68
13	5001 - Industrial Management & Safety	52	49	35	67.31
14	1004 - ENGINEERING CHEMISTRY-1	60	60	39	65
15	3021 - Electrical & Electronics Engg.	50	48	32	64
16	1001 - ENGLISH FOR COMMUNICATION-1	60	60	34	56.67
17	3022 - Fluid Mechanics & Pneumatics	50	47	28	56
18	3023 - Manufacturing Process	50	48	27	54

19	1003 - ENGINEERING PHYSICS-1	60	60	25	41.67
20	5021 - Design of Machine Elements	52	52	20	38.46
21	5022 - Industrial Engineering	52	50	18	34.62
22	1002 - ENGINEERING MATHEMATICS-1	60	60	14	23.33

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	58	58	58	100
2	3039 - Electrical Measurements Lab	52	52	52	100
3	1009 - HEALTH & PHYSICAL EDUCATION	59	59	59	100
4	1008 - COMPUTING FUNDAMENTALS	59	59	57	96.61
5	3037 - Electrical Workshop Practice	52	52	49	94.23
6	5039 - A C Machines Lab I	58	56	54	93.1
7	3032 - Electrical Measuring Instruments	52	52	48	92.31
8	3038 - Mechanical Engineering Lab	52	52	46	88.46
9	5038 - Electronics Lab	58	57	50	86.21
10	1004 - ENGINEERING CHEMISTRY-1	59	59	46	77.97
11	3001 - Environmental Science & Disaster Management	52	52	40	76.92
12	3033 - Fundamentals of AC Systems	52	52	33	63.46
13	5035 - Renewable Energy Sources	58	57	36	62.07
14	1001 - ENGLISH FOR COMMUNICATION-1	59	59	33	55.93
15	3034 - Mechanical Engineering	52	52	26	50
16	5001 - Industrial Management & Safety	58	56	25	43.1
17	3031 - Analog Devices & Circuits	52	52	21	40.38
18	5031 - Induction Machines	58	57	22	37.93
19	1003 - ENGINEERING PHYSICS-1	59	59	22	37.29
20	5032 - Power Electronics	58	56	19	32.76
21	1002 - ENGINEERING MATHEMATICS-1	59	59	17	28.81

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	60	60	100
3	5057 - CAD Lab - I	49	47	47	95.92
4	1008 - COMPUTING FUNDAMENTALS	60	60	57	95
5	3057 - Manufacturing Lab I	53	51	50	94.34
6	5058 - Automobile Servicing Lab II	49	47	46	93.88
7	5059 - Automobile Engineering Lab	49	44	40	81.63
8	3058 - Petrol Engine Service Lab	53	47	41	77.36
9	3001 - Environmental Science & Disaster Management	53	51	39	73.58
10	1004 - ENGINEERING CHEMISTRY-1	60	60	41	68.33
11	3024 - Machine Drawing	53	50	35	66.04
12	5052 - Automobile Transmission	49	48	30	61.22
13	5053 - Fuels and Combustion	49	49	29	59.18
14	5051 - Automobile Design	49	48	27	55.1
15	5001 - Industrial Management & Safety	49	48	27	55.1



16	3059 - Hydraulics Lab	53	44	29	54.72
17	3052 - Production Process of Automobile Components	53	51	27	50.94
18	3021 - Electrical & Electronics Engg.	53	51	24	45.28
19	1001 - ENGLISH FOR COMMUNICATION-1	60	60	25	41.67
20	1003 - ENGINEERING PHYSICS-1	60	60	24	40
21	3051 - Fluid Mechanics & Machinery	53	50	19	35.85
22	1002 - ENGINEERING MATHEMATICS-1	60	60	16	26.67

### Architecture

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	5189 - CAD Lab - II	49	47	47	95.92
3	3189 - Model Making Workshop & Masonry Lab	45	43	43	95.56
4	1008 - COMPUTING FUNDAMENTALS	56	54	53	94.64
5	3188 - Survey Practical	45	43	42	93.33
6	3182 - Surveying for Architecture	45	45	41	91.11
7	1009 - HEALTH & PHYSICAL EDUCATION	56	51	51	91.07
8	1004 - ENGINEERING CHEMISTRY-1	56	54	47	83.93
9	5182 - Architectural Drawing III	49	45	40	81.63
10	3183 - Architectural Drawing I	45	43	33	73.33
11	3001 - Environmental Science & Disaster Management	45	45	32	71.11
12	1003 - ENGINEERING PHYSICS-1	56	54	38	67.86
13	5183 - Working Drawing II	49	45	32	65.31
14	5016 - Cost Effective Construction & Green Building	49	48	28	57.14
15	1001 - ENGLISH FOR COMMUNICATION-1	56	54	31	55.36
16	3181 - Climatography	45	45	24	53.33
17	5181 - History of Architecture II	49	44	23	46.94
18	1002 - ENGINEERING MATHEMATICS-1	56	54	25	44.64
19	5015 - Structural Design I	49	46	18	36.73
20	3013 - Theory of Structures I	45	44	14	31.11
21	3011 - Construction Materials and Engineering	45	44	11	24.44
22	5012 - Construction Management & Safety Engineering	49	48	10	20.41

### 76 Government Polytechnic College, Manathavady

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	5019 - Computer Application Lab	43	43	43	100
3	5018 - Geotechnical Engineering Lab	43	42	42	97.67
4	1009 - HEALTH & PHYSICAL EDUCATION	62	60	60	96.77
5	1008 - COMPUTING FUNDAMENTALS	62	58	58	93.55
6	1004 - ENGINEERING CHEMISTRY-1	62	60	56	90.32
7	3019 - Construction Engg. Lab	46	41	41	89.13
8	3001 - Environmental Science & Disaster Management	46	45	41	89.13

9	3018 - Concrete Lab	46	41	41	89.13
10	3014 - Building Planning & Drawing	46	45	40	86.96
11	1001 - ENGLISH FOR COMMUNICATION-1	62	60	53	85.48
12	3017 - Survey Practical II	46	43	39	84.78
13	5017 - Habitat Technology	43	43	34	79.07
14	5012 - Construction Management & Safety Engineering	43	41	34	79.07
15	5015 - Structural Design I	43	40	32	74.42
16	5013 - Geotechnical Engineering	43	40	31	72.09
17	5014 - Quantity Surveying II	43	39	31	72.09
18	1003 - ENGINEERING PHYSICS-1	62	60	41	66.13
19	3011 - Construction Materials and Engineering	46	44	28	60.87
20	1002 - ENGINEERING MATHEMATICS-1	62	60	36	58.06
21	3013 - Theory of Structures I	46	46	22	47.83
22	3012 - Surveying II	46	44	20	43.48

### **Mechanical Engineering**

1	1008 - COMPUTING FUNDAMENTALS	63	62	62	98.41
2	1009 - HEALTH & PHYSICAL EDUCATION	63	59	59	93.65
3	5009 - Industrial Training/Industrial Visit/Collaborative work	31	31	29	93.55
4	3028 - Electrical Technology Lab	39	32	31	79.49
5	3027 - Workshop Practice III	39	31	31	79.49
6	1001 - ENGLISH FOR COMMUNICATION-1	63	62	49	77.78
7	5029 - Machine Shop Practice	31	24	24	77.42
8	5027 - CADD Lab I	31	24	24	77.42
9	3029 - Fluid Mechanics Lab	39	30	30	76.92
10	5023 - Power Plant Engineering	31	27	23	74.19
11	3024 - Machine Drawing	39	38	28	71.79
12	3001 - Environmental Science & Disaster Management	39	35	28	71.79
13	1004 - ENGINEERING CHEMISTRY-1	63	62	45	71.43
14	5028 - Industrial Maintenance and Servicing Laboratory	31	22	22	70.97
15	3023 - Manufacturing Process	39	37	26	66.67
16	3022 - Fluid Mechanics & Pneumatics	39	39	24	61.54
17	5021 - Design of Machine Elements	31	27	19	61.29
18	5022 - Industrial Engineering	31	25	18	58.06
19	1003 - ENGINEERING PHYSICS-1	63	62	35	55.56
20	5001 - Industrial Management & Safety	31	25	16	51.61
21	1002 - ENGINEERING MATHEMATICS-1	63	62	30	47.62
22	3021 - Electrical & Electronics Engg.	39	33	17	43.59

### **Computer Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	33	33	33	100
2	3139 - Database Management System Lab	50	44	42	84
3	1009 - HEALTH & PHYSICAL EDUCATION	59	49	49	83.05
4	3138 - Digital Computer Principles Lab	50	42	41	82

5	3137 - Objected Oriented Programming Lab	50	42	39	78
6	3001 - Environmental Science & Disaster Management	50	43	38	76
7	1008 - COMPUTING FUNDAMENTALS	59	48	39	66.1
8	3131 - Computer Architecture	50	43	32	64
9	3133 - Digital Computer Principles	50	46	28	56
10	3132 - Database Management System	50	45	27	54
11	5137 - Computer Network Engineering Lab	33	17	17	51.52
12	1001 - ENGLISH FOR COMMUNICATION-1	59	58	30	50.85
13	5139 - Web Programming Lab	33	19	15	45.45
14	5132 - Project Management & Software Engineering	33	25	15	45.45
15	3134 - Objected Oriented Programming through C++	50	47	21	42
16	1004 - ENGINEERING CHEMISTRY-1	59	57	24	40.68
17	5133 - Web Programming	33	24	10	30.3
18	5136 - Information Security	33	28	10	30.3
19	5138 - Microprocessor Lab	33	23	9	27.27
20	1002 - ENGINEERING MATHEMATICS-1	59	56	14	23.73
21	1003 - ENGINEERING PHYSICS-1	59	56	12	20.34
22	5131 - Microprocessor and Interfacing	33	21	6	18.18

**77 Government Polytechnic College, Manjeri**

Subject	Registered	Appeared	Passed	Pass %
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**Civil Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	49	49	49	100
2	5018 - Geotechnical Engineering Lab	49	49	49	100
3	1009 - HEALTH & PHYSICAL EDUCATION	62	61	61	98.39
4	1008 - COMPUTING FUNDAMENTALS	62	61	61	98.39
5	3019 - Construction Engg. Lab	54	53	53	98.15
6	3018 - Concrete Lab	54	53	53	98.15
7	5019 - Computer Application Lab	49	49	48	97.96
8	3001 - Environmental Science & Disaster Management	54	53	52	96.3
9	3017 - Survey Practical II	54	50	50	92.59
10	3014 - Building Planning & Drawing	54	53	50	92.59
11	1003 - ENGINEERING PHYSICS-1	62	61	57	91.94
12	1001 - ENGLISH FOR COMMUNICATION-1	62	61	56	90.32
13	1004 - ENGINEERING CHEMISTRY-1	62	61	56	90.32
14	5012 - Construction Management & Safety Engineering	49	49	44	89.8
15	1002 - ENGINEERING MATHEMATICS-1	62	61	52	83.87
16	5013 - Geotechnical Engineering	49	47	38	77.55
17	5014 - Quantity Surveying II	49	48	36	73.47
18	5015 - Structural Design I	49	49	35	71.43
19	5017 - Habitat Technology	49	49	34	69.39
20	3012 - Surveying II	54	51	36	66.67
21	3013 - Theory of Structures I	54	53	35	64.81

22	3011 - Construction Materials and Engineering	54	53	35	64.81
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### Mechanical Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	55	55	55	100
2	1009 - HEALTH & PHYSICAL EDUCATION	61	60	60	98.36
3	1008 - COMPUTING FUNDAMENTALS	61	60	60	98.36
4	5027 - CADD Lab I	55	54	54	98.18
5	5028 - Industrial Maintenance and Servicing Laboratory	55	54	54	98.18
6	5029 - Machine Shop Practice	55	54	54	98.18
7	1004 - ENGINEERING CHEMISTRY-1	61	60	56	91.8
8	3027 - Workshop Practice III	53	48	48	90.57
9	3028 - Electrical Technology Lab	53	48	48	90.57
10	1001 - ENGLISH FOR COMMUNICATION-1	61	60	53	86.89
11	3001 - Environmental Science & Disaster Management	53	52	45	84.91
12	1003 - ENGINEERING PHYSICS-1	61	60	51	83.61
13	5023 - Power Plant Engineering	55	52	45	81.82
14	3024 - Machine Drawing	53	50	42	79.25
15	5001 - Industrial Management & Safety	55	53	43	78.18
16	5022 - Industrial Engineering	55	54	41	74.55
17	1002 - ENGINEERING MATHEMATICS-1	61	60	45	73.77
18	3021 - Electrical & Electronics Engg.	53	51	36	67.92
19	5021 - Design of Machine Elements	55	54	37	67.27
20	3029 - Fluid Mechanics Lab	53	31	29	54.72
21	3023 - Manufacturing Process	53	49	27	50.94
22	3022 - Fluid Mechanics & Pneumatics	53	51	22	41.51

### Instrument Technology

1	5009 - Industrial Training/Industrial Visit/Collaborative work	43	43	43	100
2	1008 - COMPUTING FUNDAMENTALS	59	58	58	98.31
3	1009 - HEALTH & PHYSICAL EDUCATION	59	58	58	98.31
4	5217 - Process Control Lab	43	43	40	93.02
5	5218 - Industrial Instruments Lab	43	41	39	90.7
6	3001 - Environmental Science & Disaster Management	53	51	47	88.68
7	5219 - Calibration and Simulation Lab	43	42	38	88.37
8	1001 - ENGLISH FOR COMMUNICATION-1	59	58	51	86.44
9	1004 - ENGINEERING CHEMISTRY-1	59	58	48	81.36
10	3218 - Transducers and Measurements Lab	53	50	40	75.47
11	3219 - Analog Circuits Lab	53	52	39	73.58
12	5211 - Industrial Instruments II	43	40	31	72.09
13	3217 - Digital Circuits Lab	53	50	38	71.7
14	5212 - Process Control	43	42	30	69.77
15	1003 - ENGINEERING PHYSICS-1	59	58	40	67.8
16	5001 - Industrial Management & Safety	43	41	27	62.79
17	1002 - ENGINEERING MATHEMATICS-1	59	58	37	62.71

18	3214 - Instrument Transducers	53	51	33	62.26
19	3212 - Digital Circuits	53	53	32	60.38
20	5214 - Optical Instrumentation	43	41	25	58.14
21	3213 - Electrical & Electronic Instruments	53	51	29	54.72
22	3211 - Analog Circuits	53	53	26	49.06

**78 SCMS College of Polytechnics, Perumbavoor**

	Subject	Registered	Appeared	Passed	Pass %
<b>Civil Engineering</b>					
1	1009 - HEALTH & PHYSICAL EDUCATION	28	28	28	100
2	3019 - Construction Engg. Lab	41	41	40	97.56
3	1001 - ENGLISH FOR COMMUNICATION-1	28	28	27	96.43
4	1008 - COMPUTING FUNDAMENTALS	28	28	27	96.43
5	3017 - Survey Practical II	41	41	39	95.12
6	5009 - Industrial Training/Industrial Visit/Collaborative work	17	17	16	94.12
7	5019 - Computer Application Lab	17	15	15	88.24
8	3018 - Concrete Lab	41	39	35	85.37
9	3001 - Environmental Science & Disaster Management	41	40	35	85.37
10	5018 - Geotechnical Engineering Lab	17	14	14	82.35
11	1004 - ENGINEERING CHEMISTRY-1	28	28	22	78.57
12	3012 - Surveying II	41	41	25	60.98
13	1003 - ENGINEERING PHYSICS-1	28	28	16	57.14
14	1002 - ENGINEERING MATHEMATICS-1	28	28	15	53.57
15	5012 - Construction Management & Safety Engineering	17	17	9	52.94
16	3014 - Building Planning & Drawing	41	41	21	51.22
17	3011 - Construction Materials and Engineering	41	41	21	51.22
18	3013 - Theory of Structures I	41	41	15	36.59
19	5013 - Geotechnical Engineering	17	14	4	23.53
20	5014 - Quantity Surveying II	17	14	4	23.53
21	5016 - Cost Effective Construction & Green Building	17	16	3	17.65
22	5015 - Structural Design I	17	15	1	5.88

**Mechanical Engineering**

1	5009 - Industrial Training/Industrial Visit/Collaborative work	48	48	48	100
2	3027 - Workshop Practice III	58	58	58	100
3	1009 - HEALTH & PHYSICAL EDUCATION	57	56	56	98.25
4	5029 - Machine Shop Practice	48	47	47	97.92
5	1008 - COMPUTING FUNDAMENTALS	57	56	55	96.49
6	5028 - Industrial Maintenance and Servicing Laboratory	48	46	46	95.83
7	3028 - Electrical Technology Lab	58	58	55	94.83
8	3029 - Fluid Mechanics Lab	58	58	55	94.83
9	5027 - CADD Lab I	48	45	45	93.75
10	1001 - ENGLISH FOR COMMUNICATION-1	57	56	47	82.46

11	3024 - Machine Drawing	58	58	47	81.03
12	3001 - Environmental Science & Disaster Management	58	57	43	74.14
13	5001 - Industrial Management & Safety	48	44	31	64.58
14	1004 - ENGINEERING CHEMISTRY-1	57	56	35	61.4
15	1002 - ENGINEERING MATHEMATICS-1	57	56	34	59.65
16	3023 - Manufacturing Process	58	58	30	51.72
17	5022 - Industrial Engineering	48	46	22	45.83
18	5023 - Power Plant Engineering	48	45	22	45.83
19	3021 - Electrical & Electronics Engg.	58	58	26	44.83
20	1003 - ENGINEERING PHYSICS-1	57	56	25	43.86
21	3022 - Fluid Mechanics & Pneumatics	58	58	25	43.1
22	5021 - Design of Machine Elements	48	45	17	35.42

### Automobile Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	37	37	37	100
2	1009 - HEALTH & PHYSICAL EDUCATION	47	45	45	95.74
3	1008 - COMPUTING FUNDAMENTALS	47	45	43	91.49
4	1001 - ENGLISH FOR COMMUNICATION-1	47	47	40	85.11
5	3058 - Petrol Engine Service Lab	56	47	47	83.93
6	5058 - Automobile Servicing Lab II	37	30	30	81.08
7	3057 - Manufacturing Lab I	56	45	45	80.36
8	5059 - Automobile Engineering Lab	37	30	27	72.97
9	5057 - CAD Lab - I	37	33	25	67.57
10	3001 - Environmental Science & Disaster Management	56	55	34	60.71
11	3059 - Hydraulics Lab	56	36	29	51.79
12	1004 - ENGINEERING CHEMISTRY-1	47	47	23	48.94
13	1002 - ENGINEERING MATHEMATICS-1	47	46	22	46.81
14	1003 - ENGINEERING PHYSICS-1	47	47	20	42.55
15	3024 - Machine Drawing	56	49	15	26.79
16	3051 - Fluid Mechanics & Machinery	56	50	14	25
17	5052 - Automobile Transmission	37	34	9	24.32
18	5001 - Industrial Management & Safety	37	33	8	21.62
19	5053 - Fuels and Combustion	37	31	7	18.92
20	3052 - Production Process of Automobile Components	56	48	10	17.86
21	3021 - Electrical & Electronics Engg.	56	54	10	17.86
22	5051 - Automobile Design	37	36	3	8.11

### Electrical & Electronics Engineering

1	5009 - Industrial Training/Industrial Visit/Collaborative work	17	17	17	100
2	1008 - COMPUTING FUNDAMENTALS	40	37	37	92.5
3	1009 - HEALTH & PHYSICAL EDUCATION	40	36	36	90
4	3038 - Mechanical Engineering Lab	49	48	44	89.8
5	3037 - Electrical Workshop Practice	49	49	44	89.8
6	3039 - Electrical Measurements Lab	49	48	43	87.76

7	3001 - Environmental Science & Disaster Management	49	48	42	85.71
8	1001 - ENGLISH FOR COMMUNICATION-1	40	39	34	85
9	5038 - Electronics Lab	17	13	13	76.47
10	5039 - A C Machines Lab I	17	11	11	64.71
11	3034 - Mechanical Engineering	49	49	31	63.27
12	3032 - Electrical Measuring Instruments	49	49	31	63.27
13	1004 - ENGINEERING CHEMISTRY-1	40	38	25	62.5
14	3033 - Fundamentals of AC Systems	49	49	28	57.14
15	3031 - Analog Devices & Circuits	49	49	25	51.02
16	5032 - Power Electronics	17	15	7	41.18
17	1003 - ENGINEERING PHYSICS-1	40	39	15	37.5
18	1002 - ENGINEERING MATHEMATICS-1	40	39	15	37.5
19	5001 - Industrial Management & Safety	17	17	6	35.29
20	5031 - Induction Machines	17	15	5	29.41
21	5035 - Renewable Energy Sources	17	15	3	17.65

### Computer Engineering

1	3001 - Environmental Science & Disaster Management	10	10	10	100
2	5009 - Industrial Training/Industrial Visit/Collaborative work	3	3	3	100
3	5139 - Web Programming Lab	3	3	3	100
4	5137 - Computer Network Engineering Lab	3	3	3	100
5	1009 - HEALTH & PHYSICAL EDUCATION	20	19	19	95
6	1008 - COMPUTING FUNDAMENTALS	20	19	18	90
7	1001 - ENGLISH FOR COMMUNICATION-1	20	19	17	85
8	3138 - Digital Computer Principles Lab	10	8	8	80
9	3139 - Database Management System Lab	10	8	7	70
10	5133 - Web Programming	3	3	2	66.67
11	3133 - Digital Computer Principles	10	10	6	60
12	3131 - Computer Architecture	10	10	6	60
13	1004 - ENGINEERING CHEMISTRY-1	20	19	12	60
14	3132 - Database Management System	10	10	6	60
15	3137 - Objected Oriented Programming Lab	10	8	4	40
16	1002 - ENGINEERING MATHEMATICS-1	20	19	7	35
17	5136 - Information Security	3	2	1	33.33
18	5138 - Microprocessor Lab	3	2	1	33.33
19	5132 - Project Management & Software Engineering	3	3	1	33.33
20	3134 - Objected Oriented Programming through C++	10	10	3	30
21	1003 - ENGINEERING PHYSICS-1	20	19	5	25
22	5131 - Microprocessor and Interfacing	3	3	0	0

### 79 MGM POLYTECHNIC COLLEGE, KILIMANOOR

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	60	60	60	100
2	1008 - COMPUTING FUNDAMENTALS	60	60	60	100
3	3017 - Survey Practical II	54	50	50	92.59
4	3019 - Construction Engg. Lab	54	50	49	90.74
5	3018 - Concrete Lab	54	51	48	88.89
6	1001 - ENGLISH FOR COMMUNICATION-1	60	60	48	80
7	3001 - Environmental Science & Disaster Management	54	54	41	75.93
8	1004 - ENGINEERING CHEMISTRY-1	60	60	30	50
9	1003 - ENGINEERING PHYSICS-1	60	60	29	48.33
10	1002 - ENGINEERING MATHEMATICS-1	60	60	21	35
11	3013 - Theory of Structures I	54	54	15	27.78
12	3014 - Building Planning & Drawing	54	52	14	25.93
13	3011 - Construction Materials and Engineering	54	54	12	22.22
14	3012 - Surveying II	54	54	11	20.37

### **Mechanical Engineering**

1	1008 - COMPUTING FUNDAMENTALS	60	59	59	98.33
2	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
3	3027 - Workshop Practice III	58	53	53	91.38
4	1001 - ENGLISH FOR COMMUNICATION-1	60	60	53	88.33
5	3001 - Environmental Science & Disaster Management	58	54	46	79.31
6	3028 - Electrical Technology Lab	58	52	41	70.69
7	3029 - Fluid Mechanics Lab	58	54	41	70.69
8	1004 - ENGINEERING CHEMISTRY-1	60	60	38	63.33
9	3024 - Machine Drawing	58	57	34	58.62
10	1003 - ENGINEERING PHYSICS-1	60	60	24	40
11	1002 - ENGINEERING MATHEMATICS-1	60	60	24	40
12	3023 - Manufacturing Process	58	56	21	36.21
13	3022 - Fluid Mechanics & Pneumatics	58	56	18	31.03
14	3021 - Electrical & Electronics Engg.	58	57	15	25.86

### **Computer Engineering**

1	3139 - Database Management System Lab	32	30	30	93.75
2	3138 - Digital Computer Principles Lab	32	30	30	93.75
3	1009 - HEALTH & PHYSICAL EDUCATION	29	26	26	89.66
4	1008 - COMPUTING FUNDAMENTALS	29	26	26	89.66
5	3137 - Objected Oriented Programming Lab	32	31	28	87.5
6	1001 - ENGLISH FOR COMMUNICATION-1	29	26	24	82.76
7	3001 - Environmental Science & Disaster Management	32	31	23	71.88
8	3133 - Digital Computer Principles	32	31	21	65.63
9	1004 - ENGINEERING CHEMISTRY-1	29	26	14	48.28
10	3131 - Computer Architecture	32	31	11	34.38
11	3134 - Objected Oriented Programming through C++	32	30	10	31.25
12	1002 - ENGINEERING MATHEMATICS-1	29	26	8	27.59



13	1003 - ENGINEERING PHYSICS-1	29	26	8	27.59
14	3132 - Database Management System	32	31	6	18.75

### Electronics & Communication

1	1008 - COMPUTING FUNDAMENTALS	29	27	27	93.1
2	1009 - HEALTH & PHYSICAL EDUCATION	29	26	26	89.66
3	1001 - ENGLISH FOR COMMUNICATION-1	29	27	24	82.76
4	3001 - Environmental Science & Disaster Management	45	44	31	68.89
5	1004 - ENGINEERING CHEMISTRY-1	29	26	16	55.17
6	1002 - ENGINEERING MATHEMATICS-1	29	27	16	55.17
7	1003 - ENGINEERING PHYSICS-1	29	27	16	55.17
8	3049 - Analogue Communication Lab	45	36	24	53.33
9	3048 - Digital Electronics Lab	45	40	20	44.44
10	3047 - Electronics Circuits Lab	45	42	17	37.78
11	3042 - Digital Electronics	45	45	9	20
12	3041 - Communication Engineering	45	45	9	20
13	3044 - Electronic Devices & Circuits	45	45	7	15.56
14	3043 - Electrical Technology	45	45	5	11.11

### Automobile Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	60	59	59	98.33
2	1008 - COMPUTING FUNDAMENTALS	60	59	59	98.33
3	1001 - ENGLISH FOR COMMUNICATION-1	60	60	50	83.33
4	3058 - Petrol Engine Service Lab	54	42	40	74.07
5	3057 - Manufacturing Lab I	54	39	39	72.22
6	3001 - Environmental Science & Disaster Management	54	53	38	70.37
7	3059 - Hydraulics Lab	54	43	30	55.56
8	1004 - ENGINEERING CHEMISTRY-1	60	59	27	45
9	1003 - ENGINEERING PHYSICS-1	60	59	27	45
10	1002 - ENGINEERING MATHEMATICS-1	60	59	25	41.67
11	3024 - Machine Drawing	54	52	20	37.04
12	3021 - Electrical & Electronics Engg.	54	51	9	16.67
13	3051 - Fluid Mechanics & Machinery	54	52	8	14.81
14	3052 - Production Process of Automobile Components	54	53	6	11.11

### 80 GREGORIAN INSTITUTE OF TECHNOLOGY, KANGAZHA

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	1008 - COMPUTING FUNDAMENTALS	57	54	54	94.74
2	1009 - HEALTH & PHYSICAL EDUCATION	57	54	54	94.74
3	3017 - Survey Practical II	57	56	52	91.23
4	3018 - Concrete Lab	57	55	51	89.47
5	3019 - Construction Engg. Lab	57	55	50	87.72

6	1001 - ENGLISH FOR COMMUNICATION-1	57	56	49	85.96
7	3001 - Environmental Science & Disaster Management	57	56	45	78.95
8	1004 - ENGINEERING CHEMISTRY-1	57	56	34	59.65
9	3011 - Construction Materials and Engineering	57	56	33	57.89
10	1003 - ENGINEERING PHYSICS-1	57	56	28	49.12
11	1002 - ENGINEERING MATHEMATICS-1	57	56	23	40.35
12	3014 - Building Planning & Drawing	57	55	20	35.09
13	3013 - Theory of Structures I	57	56	16	28.07
14	3012 - Surveying II	57	55	15	26.32

### **Mechanical Engineering**

1	3028 - Electrical Technology Lab	56	53	53	94.64
2	3027 - Workshop Practice III	56	52	52	92.86
3	1008 - COMPUTING FUNDAMENTALS	59	54	54	91.53
4	1001 - ENGLISH FOR COMMUNICATION-1	59	55	50	84.75
5	1009 - HEALTH & PHYSICAL EDUCATION	59	50	50	84.75
6	3001 - Environmental Science & Disaster Management	56	55	45	80.36
7	3029 - Fluid Mechanics Lab	56	53	43	76.79
8	1004 - ENGINEERING CHEMISTRY-1	59	55	39	66.1
9	3023 - Manufacturing Process	56	55	32	57.14
10	3022 - Fluid Mechanics & Pneumatics	56	54	32	57.14
11	1003 - ENGINEERING PHYSICS-1	59	55	30	50.85
12	3024 - Machine Drawing	56	54	26	46.43
13	3021 - Electrical & Electronics Engg.	56	55	23	41.07
14	1002 - ENGINEERING MATHEMATICS-1	59	55	20	33.9

### **Electrical & Electronics Engineering**

1	3037 - Electrical Workshop Practice	49	47	47	95.92
2	1008 - COMPUTING FUNDAMENTALS	54	51	51	94.44
3	1009 - HEALTH & PHYSICAL EDUCATION	54	49	49	90.74
4	1001 - ENGLISH FOR COMMUNICATION-1	54	50	43	79.63
5	3039 - Electrical Measurements Lab	49	43	37	75.51
6	3001 - Environmental Science & Disaster Management	49	48	37	75.51
7	1004 - ENGINEERING CHEMISTRY-1	54	51	33	61.11
8	3038 - Mechanical Engineering Lab	49	41	25	51.02
9	3032 - Electrical Measuring Instruments	49	49	25	51.02
10	1003 - ENGINEERING PHYSICS-1	54	51	25	46.3
11	1002 - ENGINEERING MATHEMATICS-1	54	48	21	38.89
12	3034 - Mechanical Engineering	49	48	14	28.57
13	3031 - Analog Devices & Circuits	49	49	13	26.53
14	3033 - Fundamentals of AC Systems	49	47	10	20.41

### **Automobile Engineering**

1	1008 - COMPUTING FUNDAMENTALS	59	57	57	96.61
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2	1009 - HEALTH & PHYSICAL EDUCATION	59	56	56	94.92
3	1001 - ENGLISH FOR COMMUNICATION-1	59	57	50	84.75
4	3057 - Manufacturing Lab I	52	42	39	75
5	3058 - Petrol Engine Service Lab	52	45	36	69.23
6	3001 - Environmental Science & Disaster Management	52	47	33	63.46
7	1004 - ENGINEERING CHEMISTRY-1	59	56	31	52.54
8	1003 - ENGINEERING PHYSICS-1	59	56	18	30.51
9	3059 - Hydraulics Lab	52	39	15	28.85
10	3052 - Production Process of Automobile Components	52	50	14	26.92
11	1002 - ENGINEERING MATHEMATICS-1	59	56	15	25.42
12	3024 - Machine Drawing	52	49	13	25
13	3021 - Electrical & Electronics Engg.	52	50	10	19.23
14	3051 - Fluid Mechanics & Machinery	52	50	8	15.38

### Tool & Die Engineering

1	1008 - COMPUTING FUNDAMENTALS	52	50	50	96.15
2	1009 - HEALTH & PHYSICAL EDUCATION	52	49	49	94.23
3	3119 - Metrology Lab	49	41	41	83.67
4	3118 - Tool Engineering Lab II	49	41	40	81.63
5	3117 - Workshop Practice III	49	40	38	77.55
6	3001 - Environmental Science & Disaster Management	49	48	38	77.55
7	1001 - ENGLISH FOR COMMUNICATION-1	52	50	38	73.08
8	3112 - Tool Engineering Drawing	49	48	35	71.43
9	3111 - Engineering Metrology	49	49	28	57.14
10	1004 - ENGINEERING CHEMISTRY-1	52	51	25	48.08
11	1003 - ENGINEERING PHYSICS-1	52	51	23	44.23
12	1002 - ENGINEERING MATHEMATICS-1	52	51	15	28.85
13	3022 - Fluid Mechanics & Pneumatics	49	47	11	22.45
14	3021 - Electrical & Electronics Engg.	49	49	8	16.33

### 81 MAJLIS POLYTECHNIC COLLEGE, PURAMANNUR

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	3001 - Environmental Science & Disaster Management	40	40	38	95
2	3019 - Construction Engg. Lab	40	37	36	90
3	1008 - COMPUTING FUNDAMENTALS	31	27	27	87.1
4	1009 - HEALTH & PHYSICAL EDUCATION	31	26	26	83.87
5	3018 - Concrete Lab	40	34	33	82.5
6	3017 - Survey Practical II	40	36	30	75
7	3014 - Building Planning & Drawing	40	38	26	65
8	3011 - Construction Materials and Engineering	40	40	23	57.5
9	1001 - ENGLISH FOR COMMUNICATION-1	31	30	17	54.84
10	3012 - Surveying II	40	38	20	50

11	3013 - Theory of Structures I	40	40	17	42.5
12	1004 - ENGINEERING CHEMISTRY-1	31	28	11	35.48
13	1002 - ENGINEERING MATHEMATICS-1	31	29	9	29.03
14	1003 - ENGINEERING PHYSICS-1	31	29	7	22.58

### **Mechanical Engineering**

1	3027 - Workshop Practice III	48	48	48	100
2	1009 - HEALTH & PHYSICAL EDUCATION	30	28	28	93.33
3	1008 - COMPUTING FUNDAMENTALS	30	28	28	93.33
4	3024 - Machine Drawing	48	48	43	89.58
5	3028 - Electrical Technology Lab	48	48	39	81.25
6	3023 - Manufacturing Process	48	48	36	75
7	3001 - Environmental Science & Disaster Management	48	47	34	70.83
8	1001 - ENGLISH FOR COMMUNICATION-1	30	29	21	70
9	3029 - Fluid Mechanics Lab	48	47	32	66.67
10	3022 - Fluid Mechanics & Pneumatics	48	48	25	52.08
11	1004 - ENGINEERING CHEMISTRY-1	30	28	15	50
12	1003 - ENGINEERING PHYSICS-1	30	28	12	40
13	3021 - Electrical & Electronics Engg.	48	48	19	39.58
14	1002 - ENGINEERING MATHEMATICS-1	30	28	10	33.33

### **Electrical & Electronics Engineering**

1	1008 - COMPUTING FUNDAMENTALS	40	40	40	100
2	1009 - HEALTH & PHYSICAL EDUCATION	40	40	40	100
3	3037 - Electrical Workshop Practice	42	42	40	95.24
4	3039 - Electrical Measurements Lab	42	42	36	85.71
5	1001 - ENGLISH FOR COMMUNICATION-1	40	39	30	75
6	3001 - Environmental Science & Disaster Management	42	42	26	61.9
7	3032 - Electrical Measuring Instruments	42	42	23	54.76
8	1004 - ENGINEERING CHEMISTRY-1	40	40	21	52.5
9	1003 - ENGINEERING PHYSICS-1	40	40	19	47.5
10	1002 - ENGINEERING MATHEMATICS-1	40	40	15	37.5
11	3031 - Analog Devices & Circuits	42	42	14	33.33
12	3033 - Fundamentals of AC Systems	42	42	12	28.57
13	3038 - Mechanical Engineering Lab	42	37	10	23.81
14	3034 - Mechanical Engineering	42	42	6	14.29

### **Automobile Engineering**

1	3058 - Petrol Engine Service Lab	36	35	32	88.89
2	3057 - Manufacturing Lab I	36	35	32	88.89
3	1009 - HEALTH & PHYSICAL EDUCATION	31	27	27	87.1
4	1008 - COMPUTING FUNDAMENTALS	31	27	27	87.1
5	3024 - Machine Drawing	36	35	29	80.56
6	3001 - Environmental Science & Disaster Management	36	33	26	72.22

7	1001 - ENGLISH FOR COMMUNICATION-1	31	27	20	64.52
8	3059 - Hydraulics Lab	36	35	17	47.22
9	3052 - Production Process of Automobile Components	36	34	15	41.67
10	1004 - ENGINEERING CHEMISTRY-1	31	27	12	38.71
11	1003 - ENGINEERING PHYSICS-1	31	27	9	29.03
12	3021 - Electrical & Electronics Engg.	36	35	8	22.22
13	1002 - ENGINEERING MATHEMATICS-1	31	27	5	16.13
14	3051 - Fluid Mechanics & Machinery	36	35	5	13.89

### Computer Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	20	19	19	95
2	1008 - COMPUTING FUNDAMENTALS	20	19	19	95
3	3137 - Objected Oriented Programming Lab	36	35	32	88.89
4	1001 - ENGLISH FOR COMMUNICATION-1	20	18	17	85
5	3139 - Database Management System Lab	36	34	29	80.56
6	3131 - Computer Architecture	36	36	28	77.78
7	3138 - Digital Computer Principles Lab	36	32	25	69.44
8	3001 - Environmental Science & Disaster Management	36	36	20	55.56
9	3134 - Objected Oriented Programming through C++	36	36	19	52.78
10	1004 - ENGINEERING CHEMISTRY-1	20	19	10	50
11	1003 - ENGINEERING PHYSICS-1	20	19	7	35
12	3132 - Database Management System	36	34	12	33.33
13	1002 - ENGINEERING MATHEMATICS-1	20	19	6	30
14	3133 - Digital Computer Principles	36	33	9	25

### 82 MGM POLYTECHNIC COLLEGE, PAMPAKUDA

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	1008 - COMPUTING FUNDAMENTALS	34	34	34	100
2	1009 - HEALTH & PHYSICAL EDUCATION	34	34	34	100
3	1001 - ENGLISH FOR COMMUNICATION-1	34	34	32	94.12
4	1003 - ENGINEERING PHYSICS-1	34	34	29	85.29
5	1004 - ENGINEERING CHEMISTRY-1	34	34	28	82.35
6	1002 - ENGINEERING MATHEMATICS-1	34	34	23	67.65

### Mechanical Engineering

1	1001 - ENGLISH FOR COMMUNICATION-1	55	54	53	96.36
2	1009 - HEALTH & PHYSICAL EDUCATION	55	53	53	96.36
3	1008 - COMPUTING FUNDAMENTALS	55	53	53	96.36
4	1004 - ENGINEERING CHEMISTRY-1	55	53	40	72.73
5	1003 - ENGINEERING PHYSICS-1	55	54	28	50.91
6	1002 - ENGINEERING MATHEMATICS-1	55	54	20	36.36

### Electrical & Electronics Engineering

1	1008 - COMPUTING FUNDAMENTALS	46	46	46	100
2	1009 - HEALTH & PHYSICAL EDUCATION	46	46	46	100
3	1001 - ENGLISH FOR COMMUNICATION-1	46	46	40	86.96
4	1004 - ENGINEERING CHEMISTRY-1	46	46	29	63.04
5	1003 - ENGINEERING PHYSICS-1	46	46	22	47.83
6	1002 - ENGINEERING MATHEMATICS-1	46	46	21	45.65

#### Automobile Engineering

1	1008 - COMPUTING FUNDAMENTALS	44	43	43	97.73
2	1009 - HEALTH & PHYSICAL EDUCATION	44	43	43	97.73
3	1001 - ENGLISH FOR COMMUNICATION-1	44	43	33	75
4	1003 - ENGINEERING PHYSICS-1	44	43	20	45.45
5	1004 - ENGINEERING CHEMISTRY-1	44	42	19	43.18
6	1002 - ENGINEERING MATHEMATICS-1	44	43	15	34.09

#### Electronics & Communication

1	1008 - COMPUTING FUNDAMENTALS	18	18	18	100
2	1009 - HEALTH & PHYSICAL EDUCATION	18	18	18	100
3	1001 - ENGLISH FOR COMMUNICATION-1	18	18	17	94.44
4	1003 - ENGINEERING PHYSICS-1	18	18	12	66.67
5	1004 - ENGINEERING CHEMISTRY-1	18	18	10	55.56
6	1002 - ENGINEERING MATHEMATICS-1	18	18	6	33.33

#### 83 SNM POLYTECHNIC COLLEGE, MALIANKARA

Subject	Registered	Appeared	Passed	Pass %
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#### Civil Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	44	44	44	100
2	1008 - COMPUTING FUNDAMENTALS	44	44	43	97.73
3	1001 - ENGLISH FOR COMMUNICATION-1	44	44	43	97.73
4	1004 - ENGINEERING CHEMISTRY-1	44	44	26	59.09
5	1003 - ENGINEERING PHYSICS-1	44	44	22	50
6	1002 - ENGINEERING MATHEMATICS-1	44	44	20	45.45

#### Mechanical Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	59	59	59	100
2	1008 - COMPUTING FUNDAMENTALS	59	59	57	96.61
3	1001 - ENGLISH FOR COMMUNICATION-1	59	59	50	84.75
4	1003 - ENGINEERING PHYSICS-1	59	59	37	62.71
5	1002 - ENGINEERING MATHEMATICS-1	59	59	34	57.63
6	1004 - ENGINEERING CHEMISTRY-1	59	59	34	57.63

#### Electrical & Electronics Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	58	58	57	98.28
2	1008 - COMPUTING FUNDAMENTALS	58	57	56	96.55

3	1001 - ENGLISH FOR COMMUNICATION-1	58	57	47	81.03
4	1004 - ENGINEERING CHEMISTRY-1	58	57	30	51.72
5	1003 - ENGINEERING PHYSICS-1	58	57	29	50
6	1002 - ENGINEERING MATHEMATICS-1	58	57	24	41.38

#### Automobile Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	60	60	60	100
2	1001 - ENGLISH FOR COMMUNICATION-1	60	60	57	95
3	1008 - COMPUTING FUNDAMENTALS	60	60	54	90
4	1003 - ENGINEERING PHYSICS-1	60	60	38	63.33
5	1004 - ENGINEERING CHEMISTRY-1	60	60	30	50
6	1002 - ENGINEERING MATHEMATICS-1	60	60	24	40

#### Electronics & Communication

1	1009 - HEALTH & PHYSICAL EDUCATION	28	28	28	100
2	1008 - COMPUTING FUNDAMENTALS	28	27	26	92.86
3	1001 - ENGLISH FOR COMMUNICATION-1	28	28	19	67.86
4	1003 - ENGINEERING PHYSICS-1	28	28	8	28.57
5	1004 - ENGINEERING CHEMISTRY-1	28	28	7	25
6	1002 - ENGINEERING MATHEMATICS-1	28	27	6	21.43

#### 84 KMP POLYTECHNIC COLLEGE, ASAMANNOOR

Subject	Registered	Appeared	Passed	Pass %
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#### Civil Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	42	42	42	100
2	1008 - COMPUTING FUNDAMENTALS	42	42	42	100
3	1001 - ENGLISH FOR COMMUNICATION-1	42	42	35	83.33
4	1002 - ENGINEERING MATHEMATICS-1	42	42	21	50
5	1003 - ENGINEERING PHYSICS-1	42	42	20	47.62
6	1004 - ENGINEERING CHEMISTRY-1	42	42	13	30.95

#### Mechanical Engineering

1	1009 - HEALTH & PHYSICAL EDUCATION	56	56	56	100
2	1008 - COMPUTING FUNDAMENTALS	56	56	56	100
3	1001 - ENGLISH FOR COMMUNICATION-1	56	56	46	82.14
4	1002 - ENGINEERING MATHEMATICS-1	56	56	26	46.43
5	1003 - ENGINEERING PHYSICS-1	56	56	25	44.64
6	1004 - ENGINEERING CHEMISTRY-1	56	56	21	37.5

#### Electrical & Electronics Engineering

1	1008 - COMPUTING FUNDAMENTALS	50	49	49	98
2	1009 - HEALTH & PHYSICAL EDUCATION	50	49	49	98
3	1001 - ENGLISH FOR COMMUNICATION-1	50	50	33	66
4	1003 - ENGINEERING PHYSICS-1	50	50	25	50

5	1004 - ENGINEERING CHEMISTRY-1	50	50	23	46
6	1002 - ENGINEERING MATHEMATICS-1	50	50	17	34

### Automobile Engineering

1	1008 - COMPUTING FUNDAMENTALS	53	51	51	96.23
2	1009 - HEALTH & PHYSICAL EDUCATION	53	51	51	96.23
3	1001 - ENGLISH FOR COMMUNICATION-1	53	52	33	62.26
4	1003 - ENGINEERING PHYSICS-1	53	52	23	43.4
5	1002 - ENGINEERING MATHEMATICS-1	53	52	20	37.74
6	1004 - ENGINEERING CHEMISTRY-1	53	52	17	32.08

### Chemical Engineering

1	1008 - COMPUTING FUNDAMENTALS	47	46	46	97.87
2	1009 - HEALTH & PHYSICAL EDUCATION	47	46	46	97.87
3	1001 - ENGLISH FOR COMMUNICATION-1	47	47	39	82.98
4	1003 - ENGINEERING PHYSICS-1	47	47	27	57.45
5	1004 - ENGINEERING CHEMISTRY-1	47	47	27	57.45
6	1002 - ENGINEERING MATHEMATICS-1	47	47	26	55.32

### 85 NIRMALA INSTITUTE OF TECHNOLOGY, KUNNAPILLY

Subject	Registered	Appeared	Passed	Pass %
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### Civil Engineering

1	1008 - COMPUTING FUNDAMENTALS	43	41	41	95.35
2	1009 - HEALTH & PHYSICAL EDUCATION	43	41	41	95.35
3	1001 - ENGLISH FOR COMMUNICATION-1	43	42	36	83.72
4	1002 - ENGINEERING MATHEMATICS-1	43	42	33	76.74
5	1004 - ENGINEERING CHEMISTRY-1	43	42	29	67.44
6	1003 - ENGINEERING PHYSICS-1	43	41	26	60.47

### Mechanical Engineering

1	1008 - COMPUTING FUNDAMENTALS	60	60	60	100
2	1009 - HEALTH & PHYSICAL EDUCATION	60	60	60	100
3	1001 - ENGLISH FOR COMMUNICATION-1	60	60	59	98.33
4	1002 - ENGINEERING MATHEMATICS-1	60	60	49	81.67
5	1004 - ENGINEERING CHEMISTRY-1	60	60	47	78.33
6	1003 - ENGINEERING PHYSICS-1	60	60	43	71.67

### Chemical Engineering

1	1008 - COMPUTING FUNDAMENTALS	40	40	40	100
2	1009 - HEALTH & PHYSICAL EDUCATION	40	40	40	100
3	1001 - ENGLISH FOR COMMUNICATION-1	40	40	37	92.5
4	1004 - ENGINEERING CHEMISTRY-1	40	40	32	80
5	1003 - ENGINEERING PHYSICS-1	40	40	28	70
6	1002 - ENGINEERING MATHEMATICS-1	40	40	28	70