

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

## SEMESTER - 3

### 1 Central Polytechnic College, Thiruvananthapuram

|   | Subject  | Registered | Appeared | Passed | Pass % |
|---|--|------------|----------|--------|--------|
| <b>Civil Engineering</b>                        |  |            |          |        |        |
| 1   | 3017 - Survey Practical II                         | 59         | 51       | 48     | 81.36  |
| 2   | 3001 - Environmental Science & Disaster Management | 59         | 54       | 47     | 79.66  |
| 3   | 3019 - Construction Engg. Lab                      | 59         | 47       | 47     | 79.66  |
| 4   | 3018 - Concrete Lab                                | 59         | 54       | 46     | 77.97  |
| 5   | 3014 - Building Planning & Drawing                 | 59         | 53       | 41     | 69.49  |
| 6   | 3011 - Construction Materials and Engineering      | 59         | 55       | 38     | 64.41  |
| 7   | 3013 - Theory of Structures I                      | 59         | 53       | 37     | 62.71  |
| 8   | 3012 - Surveying II                                | 59         | 55       | 34     | 57.63  |
| <b>Mechanical Engineering</b>                   |  |            |          |        |        |
| 1   | 3027 - Workshop Practice III                       | 60         | 46       | 46     | 76.67  |
| 2   | 3001 - Environmental Science & Disaster Management | 60         | 47       | 44     | 73.33  |
| 3   | 3028 - Electrical Technology Lab                   | 60         | 47       | 42     | 70     |
| 4   | 3029 - Fluid Mechanics Lab                         | 60         | 40       | 36     | 60     |
| 5   | 3024 - Machine Drawing                             | 60         | 52       | 35     | 58.33  |
| 6   | 3022 - Fluid Mechanics & Pneumatics                | 60         | 57       | 34     | 56.67  |
| 7   | 3023 - Manufacturing Process                       | 60         | 54       | 30     | 50     |
| 8   | 3021 - Electrical & Electronics Engg.              | 60         | 53       | 29     | 48.33  |
| <b>Electrical &amp; Electronics Engineering</b> |  |            |          |        |        |
| 1   | 3037 - Electrical Workshop Practice                | 52         | 50       | 50     | 96.15  |
| 2   | 3039 - Electrical Measurements Lab                 | 52         | 48       | 48     | 92.31  |
| 3   | 3001 - Environmental Science & Disaster Management | 52         | 47       | 43     | 82.69  |
| 4   | 3038 - Mechanical Engineering Lab                  | 52         | 42       | 40     | 76.92  |
| 5   | 3032 - Electrical Measuring Instruments            | 52         | 50       | 35     | 67.31  |
| 6   | 3034 - Mechanical Engineering                      | 52         | 47       | 26     | 50     |
| 7   | 3033 - Fundamentals of AC Systems                  | 52         | 44       | 20     | 38.46  |
| 8   | 3031 - Analog Devices & Circuits                   | 52         | 48       | 17     | 32.69  |
| <b>Electronics</b>                              |  |            |          |        |        |
| 1   | 3048 - Digital Electronics Lab                     | 45         | 42       | 34     | 75.56  |
| 2   | 3047 - Electronics Circuits Lab                    | 45         | 42       | 33     | 73.33  |
| 3   | 3044 - Electronic Devices & Circuits               | 45         | 42       | 31     | 68.89  |
| 4   | 3001 - Environmental Science & Disaster Management | 45         | 44       | 31     | 68.89  |
| 5   | 3041 - Communication Engineering                   | 45         | 42       | 31     | 68.89  |

|   |                                   |    |    |    |       |
|---|-----------------------------------|----|----|----|-------|
| 6 | 3042 - Digital Electronics        | 45 | 43 | 31 | 68.89 |
| 7 | 3049 - Analogue Communication Lab | 45 | 41 | 28 | 62.22 |
| 8 | 3043 - Electrical Technology      | 45 | 43 | 24 | 53.33 |

### Textile Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3067 - Yarn Formation I Practical                  | 42 | 35 | 30 | 71.43 |
| 2 | 3068 - Textile Wet Processing I Practical          | 42 | 34 | 29 | 69.05 |
| 3 | 3069 - Fabric Formation I Practical                | 42 | 30 | 27 | 64.29 |
| 4 | 3063 - Textile Wet Processing I                    | 42 | 34 | 21 | 50    |
| 5 | 3001 - Environmental Science & Disaster Management | 42 | 30 | 20 | 47.62 |
| 6 | 3064 - Yarn Formation I                            | 42 | 36 | 19 | 45.24 |
| 7 | 3062 - Fabric Formation I                          | 42 | 32 | 14 | 33.33 |
| 8 | 3061 - Design and Structure of Fabrics             | 42 | 33 | 13 | 30.95 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 42 | 36 | 36 | 85.71 |
| 2 | 3138 - Digital Computer Principles Lab             | 42 | 36 | 36 | 85.71 |
| 3 | 3137 - Objected Oriented Programming Lab           | 42 | 36 | 31 | 73.81 |
| 4 | 3001 - Environmental Science & Disaster Management | 42 | 36 | 30 | 71.43 |
| 5 | 3131 - Computer Architecture                       | 42 | 37 | 29 | 69.05 |
| 6 | 3132 - Database Management System                  | 42 | 37 | 28 | 66.67 |
| 7 | 3134 - Objected Oriented Programming through C++   | 42 | 36 | 24 | 57.14 |
| 8 | 3133 - Digital Computer Principles                 | 42 | 37 | 22 | 52.38 |

### 2 Sree Narayana Polytechnic College, Kottiyam

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 60 | 55 | 55 | 91.67 |
| 2 | 3019 - Construction Engg. Lab                      | 60 | 55 | 55 | 91.67 |
| 3 | 3018 - Concrete Lab                                | 60 | 55 | 54 | 90    |
| 4 | 3014 - Building Planning & Drawing                 | 60 | 55 | 51 | 85    |
| 5 | 3017 - Survey Practical II                         | 60 | 53 | 50 | 83.33 |
| 6 | 3011 - Construction Materials and Engineering      | 60 | 54 | 43 | 71.67 |
| 7 | 3013 - Theory of Structures I                      | 60 | 55 | 37 | 61.67 |
| 8 | 3012 - Surveying II                                | 60 | 54 | 33 | 55    |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 54 | 52 | 52 | 96.3  |
| 2 | 3024 - Machine Drawing                             | 54 | 52 | 43 | 79.63 |
| 3 | 3001 - Environmental Science & Disaster Management | 54 | 52 | 41 | 75.93 |
| 4 | 3028 - Electrical Technology Lab                   | 54 | 51 | 34 | 62.96 |
| 5 | 3029 - Fluid Mechanics Lab                         | 54 | 50 | 34 | 62.96 |
| 6 | 3022 - Fluid Mechanics & Pneumatics                | 54 | 52 | 33 | 61.11 |
| 7 | 3023 - Manufacturing Process                       | 54 | 52 | 25 | 46.3  |

|   |                                       |    |    |    |       |
|---|---------------------------------------|----|----|----|-------|
| 8 | 3021 - Electrical & Electronics Engg. | 54 | 52 | 24 | 44.44 |
|---|---------------------------------------|----|----|----|-------|

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 57 | 55 | 48 | 84.21 |
| 2 | 3037 - Electrical Workshop Practice                | 57 | 52 | 42 | 73.68 |
| 3 | 3039 - Electrical Measurements Lab                 | 57 | 49 | 42 | 73.68 |
| 4 | 3032 - Electrical Measuring Instruments            | 57 | 55 | 36 | 63.16 |
| 5 | 3034 - Mechanical Engineering                      | 57 | 55 | 34 | 59.65 |
| 6 | 3038 - Mechanical Engineering Lab                  | 57 | 50 | 32 | 56.14 |
| 7 | 3033 - Fundamentals of AC Systems                  | 57 | 53 | 29 | 50.88 |
| 8 | 3031 - Analog Devices & Circuits                   | 57 | 55 | 24 | 42.11 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3048 - Digital Electronics Lab                     | 51 | 50 | 46 | 90.2  |
| 2 | 3049 - Analogue Communication Lab                  | 51 | 42 | 42 | 82.35 |
| 3 | 3047 - Electronics Circuits Lab                    | 51 | 45 | 41 | 80.39 |
| 4 | 3001 - Environmental Science & Disaster Management | 51 | 50 | 39 | 76.47 |
| 5 | 3044 - Electronic Devices & Circuits               | 51 | 46 | 25 | 49.02 |
| 6 | 3042 - Digital Electronics                         | 51 | 50 | 22 | 43.14 |
| 7 | 3043 - Electrical Technology                       | 51 | 49 | 20 | 39.22 |
| 8 | 3041 - Communication Engineering                   | 51 | 49 | 18 | 35.29 |

### 3 Carmel Polytechnic College, Alappuzha

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 57 | 57 | 54 | 94.74 |
| 2 | 3019 - Construction Engg. Lab                      | 57 | 55 | 54 | 94.74 |
| 3 | 3017 - Survey Practical II                         | 57 | 55 | 53 | 92.98 |
| 4 | 3018 - Concrete Lab                                | 57 | 56 | 52 | 91.23 |
| 5 | 3014 - Building Planning & Drawing                 | 57 | 57 | 48 | 84.21 |
| 6 | 3013 - Theory of Structures I                      | 57 | 57 | 46 | 80.7  |
| 7 | 3011 - Construction Materials and Engineering      | 57 | 57 | 44 | 77.19 |
| 8 | 3012 - Surveying II                                | 57 | 57 | 41 | 71.93 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 61 | 61 | 61 | 100   |
| 2 | 3024 - Machine Drawing                             | 61 | 60 | 56 | 91.8  |
| 3 | 3001 - Environmental Science & Disaster Management | 61 | 61 | 56 | 91.8  |
| 4 | 3029 - Fluid Mechanics Lab                         | 61 | 60 | 54 | 88.52 |
| 5 | 3028 - Electrical Technology Lab                   | 61 | 59 | 52 | 85.25 |
| 6 | 3023 - Manufacturing Process                       | 61 | 61 | 52 | 85.25 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 61 | 61 | 49 | 80.33 |
| 8 | 3021 - Electrical & Electronics Engg.              | 61 | 61 | 40 | 65.57 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 63 | 61 | 53 | 84.13 |
| 2 | 3037 - Electrical Workshop Practice                | 63 | 58 | 51 | 80.95 |
| 3 | 3039 - Electrical Measurements Lab                 | 63 | 57 | 50 | 79.37 |
| 4 | 3031 - Analog Devices & Circuits                   | 63 | 61 | 48 | 76.19 |
| 5 | 3038 - Mechanical Engineering Lab                  | 63 | 46 | 43 | 68.25 |
| 6 | 3033 - Fundamentals of AC Systems                  | 63 | 60 | 42 | 66.67 |
| 7 | 3032 - Electrical Measuring Instruments            | 63 | 58 | 42 | 66.67 |
| 8 | 3034 - Mechanical Engineering                      | 63 | 59 | 41 | 65.08 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 53 | 53 | 50 | 94.34 |
| 2 | 3048 - Digital Electronics Lab                     | 53 | 53 | 48 | 90.57 |
| 3 | 3047 - Electronics Circuits Lab                    | 53 | 53 | 47 | 88.68 |
| 4 | 3042 - Digital Electronics                         | 53 | 53 | 44 | 83.02 |
| 5 | 3001 - Environmental Science & Disaster Management | 53 | 53 | 42 | 79.25 |
| 6 | 3041 - Communication Engineering                   | 53 | 53 | 31 | 58.49 |
| 7 | 3043 - Electrical Technology                       | 53 | 53 | 27 | 50.94 |
| 8 | 3044 - Electronic Devices & Circuits               | 53 | 53 | 24 | 45.28 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 54 | 54 | 52 | 96.3  |
| 2 | 3059 - Hydraulics Lab                              | 54 | 54 | 46 | 85.19 |
| 3 | 3001 - Environmental Science & Disaster Management | 54 | 54 | 45 | 83.33 |
| 4 | 3024 - Machine Drawing                             | 54 | 54 | 43 | 79.63 |
| 5 | 3058 - Petrol Engine Service Lab                   | 54 | 54 | 42 | 77.78 |
| 6 | 3021 - Electrical & Electronics Engg.              | 54 | 54 | 40 | 74.07 |
| 7 | 3052 - Production Process of Automobile Components | 54 | 53 | 36 | 66.67 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 54 | 54 | 33 | 61.11 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 55 | 55 | 49 | 89.09 |
| 2 | 3138 - Digital Computer Principles Lab             | 55 | 54 | 49 | 89.09 |
| 3 | 3139 - Database Management System Lab              | 55 | 54 | 48 | 87.27 |
| 4 | 3137 - Objected Oriented Programming Lab           | 55 | 54 | 44 | 80    |
| 5 | 3133 - Digital Computer Principles                 | 55 | 55 | 27 | 49.09 |
| 6 | 3132 - Database Management System                  | 55 | 55 | 27 | 49.09 |
| 7 | 3131 - Computer Architecture                       | 55 | 55 | 25 | 45.45 |
| 8 | 3134 - Objected Oriented Programming through C++   | 55 | 54 | 25 | 45.45 |

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

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 57 | 55 | 50 | 87.72 |
| 2 | 3019 - Construction Engg. Lab                      | 57 | 54 | 48 | 84.21 |
| 3 | 3014 - Building Planning & Drawing                 | 57 | 56 | 47 | 82.46 |
| 4 | 3017 - Survey Practical II                         | 57 | 54 | 46 | 80.7  |
| 5 | 3001 - Environmental Science & Disaster Management | 57 | 56 | 40 | 70.18 |
| 6 | 3011 - Construction Materials and Engineering      | 57 | 56 | 38 | 66.67 |
| 7 | 3013 - Theory of Structures I                      | 57 | 56 | 34 | 59.65 |
| 8 | 3012 - Surveying II                                | 57 | 53 | 26 | 45.61 |

### **Mechanical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 62 | 56 | 56 | 90.32 |
| 2 | 3028 - Electrical Technology Lab                   | 62 | 60 | 51 | 82.26 |
| 3 | 3001 - Environmental Science & Disaster Management | 62 | 59 | 44 | 70.97 |
| 4 | 3024 - Machine Drawing                             | 62 | 61 | 38 | 61.29 |
| 5 | 3029 - Fluid Mechanics Lab                         | 62 | 54 | 38 | 61.29 |
| 6 | 3021 - Electrical & Electronics Engg.              | 62 | 61 | 34 | 54.84 |
| 7 | 3023 - Manufacturing Process                       | 62 | 61 | 32 | 51.61 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 62 | 60 | 27 | 43.55 |

### **Electrical & Electronics Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 57 | 55 | 49 | 85.96 |
| 2 | 3039 - Electrical Measurements Lab                 | 57 | 51 | 32 | 56.14 |
| 3 | 3001 - Environmental Science & Disaster Management | 57 | 48 | 29 | 50.88 |
| 4 | 3031 - Analog Devices & Circuits                   | 57 | 50 | 29 | 50.88 |
| 5 | 3038 - Mechanical Engineering Lab                  | 57 | 52 | 24 | 42.11 |
| 6 | 3034 - Mechanical Engineering                      | 57 | 56 | 20 | 35.09 |
| 7 | 3032 - Electrical Measuring Instruments            | 57 | 51 | 20 | 35.09 |
| 8 | 3033 - Fundamentals of AC Systems                  | 57 | 50 | 12 | 21.05 |

### **Computer Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 44 | 42 | 36 | 81.82 |
| 2 | 3137 - Objected Oriented Programming Lab           | 44 | 41 | 35 | 79.55 |
| 3 | 3138 - Digital Computer Principles Lab             | 44 | 41 | 34 | 77.27 |
| 4 | 3001 - Environmental Science & Disaster Management | 44 | 41 | 32 | 72.73 |
| 5 | 3131 - Computer Architecture                       | 44 | 41 | 30 | 68.18 |
| 6 | 3134 - Objected Oriented Programming through C++   | 44 | 42 | 29 | 65.91 |
| 7 | 3133 - Digital Computer Principles                 | 44 | 40 | 25 | 56.82 |
| 8 | 3132 - Database Management System                  | 44 | 41 | 25 | 56.82 |

### **Electronics & Communication**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 43 | 43 | 40 | 93.02 |
| 2 | 3048 - Digital Electronics Lab                     | 43 | 42 | 37 | 86.05 |
| 3 | 3047 - Electronics Circuits Lab                    | 43 | 42 | 29 | 67.44 |
| 4 | 3001 - Environmental Science & Disaster Management | 43 | 42 | 25 | 58.14 |

|   |                                      |    |    |    |       |
|---|--------------------------------------|----|----|----|-------|
| 5 | 3043 - Electrical Technology         | 43 | 43 | 21 | 48.84 |
| 6 | 3041 - Communication Engineering     | 43 | 43 | 19 | 44.19 |
| 7 | 3042 - Digital Electronics           | 43 | 42 | 17 | 39.53 |
| 8 | 3044 - Electronic Devices & Circuits | 43 | 41 | 11 | 25.58 |

**5 Government Polytechnic College, Kottayam**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Civil Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 59 | 53 | 51 | 86.44 |
| 2 | 3019 - Construction Engg. Lab                      | 59 | 53 | 51 | 86.44 |
| 3 | 3001 - Environmental Science & Disaster Management | 59 | 58 | 48 | 81.36 |
| 4 | 3017 - Survey Practical II                         | 59 | 55 | 42 | 71.19 |
| 5 | 3014 - Building Planning & Drawing                 | 59 | 57 | 37 | 62.71 |
| 6 | 3011 - Construction Materials and Engineering      | 59 | 56 | 35 | 59.32 |
| 7 | 3013 - Theory of Structures I                      | 59 | 58 | 27 | 45.76 |
| 8 | 3012 - Surveying II                                | 59 | 56 | 25 | 42.37 |

**Mechanical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 60 | 58 | 58 | 96.67 |
| 2 | 3028 - Electrical Technology Lab                   | 60 | 59 | 50 | 83.33 |
| 3 | 3029 - Fluid Mechanics Lab                         | 60 | 58 | 48 | 80    |
| 4 | 3024 - Machine Drawing                             | 60 | 59 | 46 | 76.67 |
| 5 | 3001 - Environmental Science & Disaster Management | 60 | 60 | 46 | 76.67 |
| 6 | 3023 - Manufacturing Process                       | 60 | 59 | 31 | 51.67 |
| 7 | 3021 - Electrical & Electronics Engg.              | 60 | 59 | 28 | 46.67 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 60 | 55 | 28 | 46.67 |

**Electrical & Electronics Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 54 | 47 | 44 | 81.48 |
| 2 | 3039 - Electrical Measurements Lab                 | 54 | 44 | 40 | 74.07 |
| 3 | 3033 - Fundamentals of AC Systems                  | 54 | 51 | 34 | 62.96 |
| 4 | 3001 - Environmental Science & Disaster Management | 54 | 51 | 33 | 61.11 |
| 5 | 3038 - Mechanical Engineering Lab                  | 54 | 45 | 32 | 59.26 |
| 6 | 3032 - Electrical Measuring Instruments            | 54 | 52 | 24 | 44.44 |
| 7 | 3034 - Mechanical Engineering                      | 54 | 51 | 22 | 40.74 |
| 8 | 3031 - Analog Devices & Circuits                   | 54 | 51 | 20 | 37.04 |

**Electronics**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 57 | 54 | 43 | 75.44 |
| 2 | 3048 - Digital Electronics Lab                     | 57 | 52 | 41 | 71.93 |
| 3 | 3001 - Environmental Science & Disaster Management | 57 | 55 | 37 | 64.91 |
| 4 | 3047 - Electronics Circuits Lab                    | 57 | 51 | 36 | 63.16 |
| 5 | 3042 - Digital Electronics                         | 57 | 54 | 28 | 49.12 |
| 6 | 3043 - Electrical Technology                       | 57 | 54 | 23 | 40.35 |

|   |                                      |    |    |    |       |
|---|--------------------------------------|----|----|----|-------|
| 7 | 3044 - Electronic Devices & Circuits | 57 | 54 | 16 | 28.07 |
| 8 | 3041 - Communication Engineering     | 57 | 52 | 9  | 15.79 |

### Polymer Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3097 - Rubber Technology Lab                       | 47 | 45 | 45 | 95.74 |
| 2 | 3099 - Compound Design Lab                         | 47 | 45 | 44 | 93.62 |
| 3 | 3098 - Polymer Analysis Lab                        | 47 | 44 | 39 | 82.98 |
| 4 | 3001 - Environmental Science & Disaster Management | 47 | 44 | 32 | 68.09 |
| 5 | 3094 - Technology of Elastomers                    | 47 | 45 | 30 | 63.83 |
| 6 | 3091 - Natural Rubber Production                   | 47 | 46 | 24 | 51.06 |
| 7 | 3093 - Synthetic Rubbers                           | 47 | 45 | 16 | 34.04 |
| 8 | 3092 - Polymer Science                             | 47 | 46 | 16 | 34.04 |

### Commercial Practice

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3142 - English for Commercial Practice I           | 45 | 43 | 39 | 86.67 |
| 2 | 3143 - Mercantile Law                              | 45 | 43 | 35 | 77.78 |
| 3 | 3141 - Accountancy III                             | 45 | 43 | 33 | 73.33 |
| 4 | 3001 - Environmental Science & Disaster Management | 45 | 41 | 32 | 71.11 |
| 5 | 3144 - Principles of Management                    | 45 | 43 | 30 | 66.67 |
| 6 | 3145 - Shorthand English 60 wpm                    | 45 | 41 | 17 | 37.78 |

### 6 Government Polytechnic College, Kalamassery

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 54 | 53 | 53 | 98.15 |
| 2 | 3018 - Concrete Lab                                | 54 | 53 | 53 | 98.15 |
| 3 | 3019 - Construction Engg. Lab                      | 54 | 53 | 53 | 98.15 |
| 4 | 3014 - Building Planning & Drawing                 | 54 | 53 | 51 | 94.44 |
| 5 | 3013 - Theory of Structures I                      | 54 | 53 | 45 | 83.33 |
| 6 | 3001 - Environmental Science & Disaster Management | 54 | 54 | 44 | 81.48 |
| 7 | 3012 - Surveying II                                | 54 | 54 | 42 | 77.78 |
| 8 | 3011 - Construction Materials and Engineering      | 54 | 52 | 39 | 72.22 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 58 | 58 | 56 | 96.55 |
| 2 | 3001 - Environmental Science & Disaster Management | 58 | 58 | 54 | 93.1  |
| 3 | 3028 - Electrical Technology Lab                   | 58 | 58 | 52 | 89.66 |
| 4 | 3029 - Fluid Mechanics Lab                         | 58 | 58 | 51 | 87.93 |
| 5 | 3024 - Machine Drawing                             | 58 | 58 | 39 | 67.24 |
| 6 | 3022 - Fluid Mechanics & Pneumatics                | 58 | 58 | 38 | 65.52 |
| 7 | 3023 - Manufacturing Process                       | 58 | 58 | 26 | 44.83 |
| 8 | 3021 - Electrical & Electronics Engg.              | 58 | 58 | 23 | 39.66 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3039 - Electrical Measurements Lab                 | 55 | 55 | 53 | 96.36 |
| 2 | 3038 - Mechanical Engineering Lab                  | 55 | 55 | 51 | 92.73 |
| 3 | 3001 - Environmental Science & Disaster Management | 55 | 54 | 50 | 90.91 |
| 4 | 3032 - Electrical Measuring Instruments            | 55 | 53 | 50 | 90.91 |
| 5 | 3037 - Electrical Workshop Practice                | 55 | 54 | 49 | 89.09 |
| 6 | 3033 - Fundamentals of AC Systems                  | 55 | 53 | 43 | 78.18 |
| 7 | 3034 - Mechanical Engineering                      | 55 | 54 | 43 | 78.18 |
| 8 | 3031 - Analog Devices & Circuits                   | 55 | 52 | 41 | 74.55 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3058 - Petrol Engine Service Lab                   | 49 | 48 | 48 | 97.96 |
| 2 | 3057 - Manufacturing Lab I                         | 49 | 46 | 42 | 85.71 |
| 3 | 3001 - Environmental Science & Disaster Management | 49 | 49 | 40 | 81.63 |
| 4 | 3059 - Hydraulics Lab                              | 49 | 46 | 36 | 73.47 |
| 5 | 3021 - Electrical & Electronics Engg.              | 49 | 49 | 35 | 71.43 |
| 6 | 3052 - Production Process of Automobile Components | 49 | 48 | 31 | 63.27 |
| 7 | 3024 - Machine Drawing                             | 49 | 49 | 31 | 63.27 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 49 | 49 | 23 | 46.94 |

### Chemical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3077 - Maintenance Lab                             | 55 | 53 | 53 | 96.36 |
| 2 | 3079 - CAD Lab                                     | 55 | 53 | 53 | 96.36 |
| 3 | 3078 - General Chemistry Lab                       | 55 | 54 | 50 | 90.91 |
| 4 | 3073 - General Chemistry                           | 55 | 53 | 49 | 89.09 |
| 5 | 3001 - Environmental Science & Disaster Management | 55 | 53 | 48 | 87.27 |
| 6 | 3074 - Polymer Technology                          | 55 | 54 | 47 | 85.45 |
| 7 | 3071 - Chemical Process Principles                 | 55 | 54 | 47 | 85.45 |
| 8 | 3072 - Fluid Mechanics                             | 55 | 54 | 42 | 76.36 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 64 | 63 | 60 | 93.75 |
| 2 | 3138 - Digital Computer Principles Lab             | 64 | 62 | 58 | 90.63 |
| 3 | 3133 - Digital Computer Principles                 | 64 | 62 | 56 | 87.5  |
| 4 | 3131 - Computer Architecture                       | 64 | 62 | 56 | 87.5  |
| 5 | 3139 - Database Management System Lab              | 64 | 61 | 54 | 84.38 |
| 6 | 3137 - Objected Oriented Programming Lab           | 64 | 62 | 54 | 84.38 |
| 7 | 3134 - Objected Oriented Programming through C++   | 64 | 61 | 49 | 76.56 |
| 8 | 3132 - Database Management System                  | 64 | 61 | 44 | 68.75 |

### Electronics Production Technology

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 61 | 61 | 56 | 91.8  |
| 2 | 3048 - Digital Electronics Lab                     | 61 | 58 | 52 | 85.25 |
| 3 | 3047 - Electronics Circuits Lab                    | 61 | 60 | 52 | 85.25 |



|   |                                      |    |    |    |       |
|---|--------------------------------------|----|----|----|-------|
| 4 | 3049 - Analogue Communication Lab    | 61 | 57 | 48 | 78.69 |
| 5 | 3042 - Digital Electronics           | 61 | 61 | 37 | 60.66 |
| 6 | 3041 - Communication Engineering     | 61 | 61 | 37 | 60.66 |
| 7 | 3044 - Electronic Devices & Circuits | 61 | 61 | 37 | 60.66 |
| 8 | 3043 - Electrical Technology         | 61 | 59 | 26 | 42.62 |

#### 7 Thiagarajar Polytechnic College, Alagappanagar

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 58 | 58 | 57 | 98.28 |
| 2 | 3019 - Construction Engg. Lab                      | 58 | 58 | 57 | 98.28 |
| 3 | 3011 - Construction Materials and Engineering      | 58 | 58 | 55 | 94.83 |
| 4 | 3017 - Survey Practical II                         | 58 | 57 | 55 | 94.83 |
| 5 | 3013 - Theory of Structures I                      | 58 | 58 | 54 | 93.1  |
| 6 | 3001 - Environmental Science & Disaster Management | 58 | 58 | 54 | 93.1  |
| 7 | 3014 - Building Planning & Drawing                 | 58 | 58 | 53 | 91.38 |
| 8 | 3012 - Surveying II                                | 58 | 58 | 46 | 79.31 |

#### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 60 | 56 | 56 | 93.33 |
| 2 | 3024 - Machine Drawing                             | 60 | 56 | 54 | 90    |
| 3 | 3029 - Fluid Mechanics Lab                         | 60 | 56 | 49 | 81.67 |
| 4 | 3028 - Electrical Technology Lab                   | 60 | 54 | 49 | 81.67 |
| 5 | 3023 - Manufacturing Process                       | 60 | 57 | 47 | 78.33 |
| 6 | 3021 - Electrical & Electronics Engg.              | 60 | 56 | 46 | 76.67 |
| 7 | 3001 - Environmental Science & Disaster Management | 60 | 56 | 45 | 75    |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 60 | 57 | 43 | 71.67 |

#### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 58 | 57 | 53 | 91.38 |
| 2 | 3039 - Electrical Measurements Lab                 | 58 | 57 | 53 | 91.38 |
| 3 | 3037 - Electrical Workshop Practice                | 58 | 56 | 52 | 89.66 |
| 4 | 3032 - Electrical Measuring Instruments            | 58 | 57 | 51 | 87.93 |
| 5 | 3038 - Mechanical Engineering Lab                  | 58 | 57 | 51 | 87.93 |
| 6 | 3034 - Mechanical Engineering                      | 58 | 56 | 48 | 82.76 |
| 7 | 3033 - Fundamentals of AC Systems                  | 58 | 57 | 46 | 79.31 |
| 8 | 3031 - Analog Devices & Circuits                   | 58 | 54 | 42 | 72.41 |

#### 8 Sree Rama Government Polytechnic College, Triprayar

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Civil Engineering

|   |                                    |    |    |    |       |
|---|------------------------------------|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab      | 64 | 64 | 64 | 100   |
| 2 | 3014 - Building Planning & Drawing | 64 | 64 | 62 | 96.88 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3018 - Concrete Lab                                | 64 | 64 | 62 | 96.88 |
| 4 | 3001 - Environmental Science & Disaster Management | 64 | 64 | 62 | 96.88 |
| 5 | 3017 - Survey Practical II                         | 64 | 64 | 60 | 93.75 |
| 6 | 3011 - Construction Materials and Engineering      | 64 | 62 | 53 | 82.81 |
| 7 | 3012 - Surveying II                                | 64 | 64 | 51 | 79.69 |
| 8 | 3013 - Theory of Structures I                      | 64 | 64 | 46 | 71.88 |

### **Mechanical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 62 | 60 | 54 | 87.1  |
| 2 | 3029 - Fluid Mechanics Lab                         | 62 | 60 | 54 | 87.1  |
| 3 | 3001 - Environmental Science & Disaster Management | 62 | 59 | 54 | 87.1  |
| 4 | 3024 - Machine Drawing                             | 62 | 59 | 53 | 85.48 |
| 5 | 3028 - Electrical Technology Lab                   | 62 | 58 | 50 | 80.65 |
| 6 | 3021 - Electrical & Electronics Engg.              | 62 | 60 | 44 | 70.97 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 62 | 60 | 41 | 66.13 |
| 8 | 3023 - Manufacturing Process                       | 62 | 59 | 38 | 61.29 |

### **Electrical & Electronics Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3032 - Electrical Measuring Instruments            | 58 | 58 | 56 | 96.55 |
| 2 | 3034 - Mechanical Engineering                      | 58 | 58 | 52 | 89.66 |
| 3 | 3033 - Fundamentals of AC Systems                  | 58 | 58 | 52 | 89.66 |
| 4 | 3039 - Electrical Measurements Lab                 | 58 | 57 | 49 | 84.48 |
| 5 | 3031 - Analog Devices & Circuits                   | 58 | 58 | 48 | 82.76 |
| 6 | 3038 - Mechanical Engineering Lab                  | 58 | 56 | 46 | 79.31 |
| 7 | 3001 - Environmental Science & Disaster Management | 58 | 58 | 44 | 75.86 |
| 8 | 3037 - Electrical Workshop Practice                | 58 | 57 | 42 | 72.41 |

### **Electronics**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 53 | 51 | 45 | 84.91 |
| 2 | 3042 - Digital Electronics                         | 53 | 52 | 41 | 77.36 |
| 3 | 3048 - Digital Electronics Lab                     | 53 | 48 | 35 | 66.04 |
| 4 | 3047 - Electronics Circuits Lab                    | 53 | 48 | 35 | 66.04 |
| 5 | 3049 - Analogue Communication Lab                  | 53 | 40 | 32 | 60.38 |
| 6 | 3044 - Electronic Devices & Circuits               | 53 | 50 | 32 | 60.38 |
| 7 | 3041 - Communication Engineering                   | 53 | 50 | 29 | 54.72 |
| 8 | 3043 - Electrical Technology                       | 53 | 52 | 28 | 52.83 |

### **Computer Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 60 | 50 | 46 | 76.67 |
| 2 | 3133 - Digital Computer Principles                 | 60 | 59 | 45 | 75    |
| 3 | 3134 - Objected Oriented Programming through C++   | 60 | 57 | 43 | 71.67 |
| 4 | 3138 - Digital Computer Principles Lab             | 60 | 49 | 42 | 70    |
| 5 | 3131 - Computer Architecture                       | 60 | 58 | 40 | 66.67 |
| 6 | 3132 - Database Management System                  | 60 | 58 | 37 | 61.67 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 7 | 3137 - Objected Oriented Programming Lab | 60 | 54 | 33 | 55    |
| 8 | 3139 - Database Management System Lab    | 60 | 54 | 32 | 53.33 |

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

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 62 | 62 | 62 | 100   |
| 2 | 3019 - Construction Engg. Lab                      | 62 | 62 | 61 | 98.39 |
| 3 | 3017 - Survey Practical II                         | 62 | 62 | 60 | 96.77 |
| 4 | 3014 - Building Planning & Drawing                 | 62 | 61 | 56 | 90.32 |
| 5 | 3001 - Environmental Science & Disaster Management | 62 | 61 | 53 | 85.48 |
| 6 | 3011 - Construction Materials and Engineering      | 62 | 61 | 52 | 83.87 |
| 7 | 3012 - Surveying II                                | 62 | 62 | 48 | 77.42 |
| 8 | 3013 - Theory of Structures I                      | 62 | 62 | 47 | 75.81 |

#### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 60 | 59 | 59 | 98.33 |
| 2 | 3024 - Machine Drawing                             | 60 | 60 | 55 | 91.67 |
| 3 | 3029 - Fluid Mechanics Lab                         | 60 | 60 | 54 | 90    |
| 4 | 3001 - Environmental Science & Disaster Management | 60 | 58 | 49 | 81.67 |
| 5 | 3028 - Electrical Technology Lab                   | 60 | 60 | 47 | 78.33 |
| 6 | 3023 - Manufacturing Process                       | 60 | 59 | 44 | 73.33 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 60 | 59 | 43 | 71.67 |
| 8 | 3021 - Electrical & Electronics Engg.              | 60 | 59 | 38 | 63.33 |

#### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 60 | 58 | 57 | 95    |
| 2 | 3038 - Mechanical Engineering Lab                  | 60 | 56 | 51 | 85    |
| 3 | 3039 - Electrical Measurements Lab                 | 60 | 57 | 50 | 83.33 |
| 4 | 3032 - Electrical Measuring Instruments            | 60 | 58 | 45 | 75    |
| 5 | 3037 - Electrical Workshop Practice                | 60 | 58 | 42 | 70    |
| 6 | 3033 - Fundamentals of AC Systems                  | 60 | 58 | 42 | 70    |
| 7 | 3034 - Mechanical Engineering                      | 60 | 57 | 40 | 66.67 |
| 8 | 3031 - Analog Devices & Circuits                   | 60 | 58 | 37 | 61.67 |

#### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3048 - Digital Electronics Lab                     | 57 | 55 | 52 | 91.23 |
| 2 | 3001 - Environmental Science & Disaster Management | 57 | 55 | 50 | 87.72 |
| 3 | 3042 - Digital Electronics                         | 57 | 55 | 49 | 85.96 |
| 4 | 3047 - Electronics Circuits Lab                    | 57 | 54 | 46 | 80.7  |
| 5 | 3049 - Analogue Communication Lab                  | 57 | 53 | 39 | 68.42 |
| 6 | 3044 - Electronic Devices & Circuits               | 57 | 55 | 34 | 59.65 |
| 7 | 3043 - Electrical Technology                       | 57 | 55 | 27 | 47.37 |
| 8 | 3041 - Communication Engineering                   | 57 | 54 | 26 | 45.61 |

## Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 60 | 56 | 55 | 91.67 |
| 2 | 3132 - Database Management System                  | 60 | 58 | 54 | 90    |
| 3 | 3134 - Objected Oriented Programming through C++   | 60 | 57 | 53 | 88.33 |
| 4 | 3001 - Environmental Science & Disaster Management | 60 | 57 | 46 | 76.67 |
| 5 | 3137 - Objected Oriented Programming Lab           | 60 | 55 | 45 | 75    |
| 6 | 3131 - Computer Architecture                       | 60 | 57 | 44 | 73.33 |
| 7 | 3139 - Database Management System Lab              | 60 | 54 | 44 | 73.33 |
| 8 | 3133 - Digital Computer Principles                 | 60 | 57 | 40 | 66.67 |

## 10 Government Polytechnic College, Palakkad

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

## Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 55 | 53 | 53 | 96.36 |
| 2 | 3014 - Building Planning & Drawing                 | 55 | 53 | 52 | 94.55 |
| 3 | 3017 - Survey Practical II                         | 55 | 52 | 52 | 94.55 |
| 4 | 3011 - Construction Materials and Engineering      | 55 | 51 | 49 | 89.09 |
| 5 | 3001 - Environmental Science & Disaster Management | 55 | 52 | 49 | 89.09 |
| 6 | 3013 - Theory of Structures I                      | 55 | 51 | 47 | 85.45 |
| 7 | 3019 - Construction Engg. Lab                      | 55 | 53 | 46 | 83.64 |
| 8 | 3012 - Surveying II                                | 55 | 53 | 37 | 67.27 |

## Mechanical Engineering

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3028 - Electrical Technology Lab                   | 50 | 48 | 48 | 96 |
| 2 | 3027 - Workshop Practice III                       | 50 | 47 | 47 | 94 |
| 3 | 3001 - Environmental Science & Disaster Management | 50 | 48 | 45 | 90 |
| 4 | 3024 - Machine Drawing                             | 50 | 47 | 41 | 82 |
| 5 | 3029 - Fluid Mechanics Lab                         | 50 | 42 | 41 | 82 |
| 6 | 3023 - Manufacturing Process                       | 50 | 48 | 39 | 78 |
| 7 | 3021 - Electrical & Electronics Engg.              | 50 | 48 | 38 | 76 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 50 | 47 | 37 | 74 |

## Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 56 | 55 | 54 | 96.43 |
| 2 | 3049 - Analogue Communication Lab                  | 56 | 55 | 52 | 92.86 |
| 3 | 3001 - Environmental Science & Disaster Management | 56 | 56 | 51 | 91.07 |
| 4 | 3048 - Digital Electronics Lab                     | 56 | 55 | 51 | 91.07 |
| 5 | 3042 - Digital Electronics                         | 56 | 56 | 44 | 78.57 |
| 6 | 3041 - Communication Engineering                   | 56 | 56 | 41 | 73.21 |
| 7 | 3043 - Electrical Technology                       | 56 | 56 | 38 | 67.86 |
| 8 | 3044 - Electronic Devices & Circuits               | 56 | 56 | 30 | 53.57 |

## Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3219 - Analog Circuits Lab                         | 57 | 57 | 55 | 96.49 |
| 2 | 3218 - Transducers and Measurements Lab            | 57 | 56 | 54 | 94.74 |
| 3 | 3217 - Digital Circuits Lab                        | 57 | 57 | 53 | 92.98 |
| 4 | 3001 - Environmental Science & Disaster Management | 57 | 56 | 52 | 91.23 |
| 5 | 3214 - Instrument Transducers                      | 57 | 57 | 49 | 85.96 |
| 6 | 3213 - Electrical & Electronic Instruments         | 57 | 57 | 48 | 84.21 |
| 7 | 3212 - Digital Circuits                            | 57 | 57 | 48 | 84.21 |
| 8 | 3211 - Analog Circuits                             | 57 | 54 | 37 | 64.91 |

### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3159 - Database and SQL Lab                        | 49 | 47 | 45 | 91.84 |
| 2 | 3137 - Objected Oriented Programming Lab           | 49 | 46 | 45 | 91.84 |
| 3 | 3134 - Objected Oriented Programming through C++   | 49 | 48 | 40 | 81.63 |
| 4 | 3133 - Digital Computer Principles                 | 49 | 47 | 40 | 81.63 |
| 5 | 3138 - Digital Computer Principles Lab             | 49 | 47 | 39 | 79.59 |
| 6 | 3131 - Computer Architecture                       | 49 | 46 | 37 | 75.51 |
| 7 | 3001 - Environmental Science & Disaster Management | 49 | 44 | 36 | 73.47 |
| 8 | 3151 - Data Communication                          | 49 | 48 | 30 | 61.22 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3039 - Electrical Measurements Lab                 | 58 | 57 | 57 | 98.28 |
| 2 | 3038 - Mechanical Engineering Lab                  | 58 | 57 | 55 | 94.83 |
| 3 | 3037 - Electrical Workshop Practice                | 58 | 57 | 54 | 93.1  |
| 4 | 3001 - Environmental Science & Disaster Management | 58 | 55 | 53 | 91.38 |
| 5 | 3032 - Electrical Measuring Instruments            | 58 | 57 | 52 | 89.66 |
| 6 | 3033 - Fundamentals of AC Systems                  | 58 | 57 | 50 | 86.21 |
| 7 | 3031 - Analog Devices & Circuits                   | 58 | 55 | 46 | 79.31 |
| 8 | 3034 - Mechanical Engineering                      | 58 | 57 | 46 | 79.31 |

### 11 Government Polytechnic College, Perinthalmanna

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 62 | 61 | 60 | 96.77 |
| 2 | 3019 - Construction Engg. Lab                      | 62 | 61 | 60 | 96.77 |
| 3 | 3018 - Concrete Lab                                | 62 | 61 | 59 | 95.16 |
| 4 | 3001 - Environmental Science & Disaster Management | 62 | 61 | 57 | 91.94 |
| 5 | 3014 - Building Planning & Drawing                 | 62 | 62 | 54 | 87.1  |
| 6 | 3011 - Construction Materials and Engineering      | 62 | 62 | 49 | 79.03 |
| 7 | 3013 - Theory of Structures I                      | 62 | 62 | 48 | 77.42 |
| 8 | 3012 - Surveying II                                | 62 | 61 | 46 | 74.19 |

### Mechanical Engineering

|   |                                  |    |    |    |       |
|---|----------------------------------|----|----|----|-------|
| 1 | 3024 - Machine Drawing           | 61 | 61 | 59 | 96.72 |
| 2 | 3028 - Electrical Technology Lab | 61 | 60 | 56 | 91.8  |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3027 - Workshop Practice III                       | 61 | 55 | 55 | 90.16 |
| 4 | 3022 - Fluid Mechanics & Pneumatics                | 61 | 60 | 53 | 86.89 |
| 5 | 3029 - Fluid Mechanics Lab                         | 61 | 60 | 53 | 86.89 |
| 6 | 3001 - Environmental Science & Disaster Management | 61 | 59 | 51 | 83.61 |
| 7 | 3021 - Electrical & Electronics Engg.              | 61 | 61 | 45 | 73.77 |
| 8 | 3023 - Manufacturing Process                       | 61 | 61 | 36 | 59.02 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 62 | 61 | 61 | 98.39 |
| 2 | 3039 - Electrical Measurements Lab                 | 62 | 61 | 59 | 95.16 |
| 3 | 3038 - Mechanical Engineering Lab                  | 62 | 61 | 55 | 88.71 |
| 4 | 3001 - Environmental Science & Disaster Management | 62 | 61 | 55 | 88.71 |
| 5 | 3031 - Analog Devices & Circuits                   | 62 | 60 | 52 | 83.87 |
| 6 | 3033 - Fundamentals of AC Systems                  | 62 | 61 | 51 | 82.26 |
| 7 | 3034 - Mechanical Engineering                      | 62 | 60 | 48 | 77.42 |
| 8 | 3032 - Electrical Measuring Instruments            | 62 | 61 | 46 | 74.19 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 60 | 58 | 53 | 88.33 |
| 2 | 3049 - Analogue Communication Lab                  | 60 | 57 | 51 | 85    |
| 3 | 3048 - Digital Electronics Lab                     | 60 | 57 | 48 | 80    |
| 4 | 3001 - Environmental Science & Disaster Management | 60 | 60 | 47 | 78.33 |
| 5 | 3043 - Electrical Technology                       | 60 | 59 | 43 | 71.67 |
| 6 | 3042 - Digital Electronics                         | 60 | 60 | 43 | 71.67 |
| 7 | 3041 - Communication Engineering                   | 60 | 58 | 32 | 53.33 |
| 8 | 3044 - Electronic Devices & Circuits               | 60 | 59 | 28 | 46.67 |

### 12 Seethi Sahib Memorial Polytechnic College, Tirur

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 57 | 55 | 54 | 94.74 |
| 2 | 3019 - Construction Engg. Lab                      | 57 | 54 | 53 | 92.98 |
| 3 | 3018 - Concrete Lab                                | 57 | 54 | 52 | 91.23 |
| 4 | 3001 - Environmental Science & Disaster Management | 57 | 56 | 52 | 91.23 |
| 5 | 3011 - Construction Materials and Engineering      | 57 | 53 | 49 | 85.96 |
| 6 | 3014 - Building Planning & Drawing                 | 57 | 53 | 45 | 78.95 |
| 7 | 3013 - Theory of Structures I                      | 57 | 54 | 43 | 75.44 |
| 8 | 3012 - Surveying II                                | 57 | 53 | 35 | 61.4  |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 59 | 58 | 56 | 94.92 |
| 2 | 3024 - Machine Drawing                             | 59 | 58 | 55 | 93.22 |
| 3 | 3001 - Environmental Science & Disaster Management | 59 | 58 | 52 | 88.14 |
| 4 | 3023 - Manufacturing Process                       | 59 | 58 | 43 | 72.88 |

|   |                                       |    |    |    |       |
|---|---------------------------------------|----|----|----|-------|
| 5 | 3028 - Electrical Technology Lab      | 59 | 57 | 42 | 71.19 |
| 6 | 3021 - Electrical & Electronics Engg. | 59 | 58 | 34 | 57.63 |
| 7 | 3022 - Fluid Mechanics & Pneumatics   | 59 | 58 | 34 | 57.63 |
| 8 | 3029 - Fluid Mechanics Lab            | 59 | 56 | 33 | 55.93 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 61 | 60 | 60 | 98.36 |
| 2 | 3001 - Environmental Science & Disaster Management | 61 | 61 | 55 | 90.16 |
| 3 | 3039 - Electrical Measurements Lab                 | 61 | 60 | 54 | 88.52 |
| 4 | 3034 - Mechanical Engineering                      | 61 | 61 | 48 | 78.69 |
| 5 | 3032 - Electrical Measuring Instruments            | 61 | 59 | 47 | 77.05 |
| 6 | 3038 - Mechanical Engineering Lab                  | 61 | 55 | 41 | 67.21 |
| 7 | 3033 - Fundamentals of AC Systems                  | 61 | 60 | 41 | 67.21 |
| 8 | 3031 - Analog Devices & Circuits                   | 61 | 60 | 32 | 52.46 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 58 | 57 | 50 | 86.21 |
| 2 | 3041 - Communication Engineering                   | 58 | 57 | 47 | 81.03 |
| 3 | 3048 - Digital Electronics Lab                     | 58 | 56 | 44 | 75.86 |
| 4 | 3001 - Environmental Science & Disaster Management | 58 | 57 | 42 | 72.41 |
| 5 | 3049 - Analogue Communication Lab                  | 58 | 55 | 41 | 70.69 |
| 6 | 3043 - Electrical Technology                       | 58 | 56 | 40 | 68.97 |
| 7 | 3044 - Electronic Devices & Circuits               | 58 | 55 | 38 | 65.52 |
| 8 | 3042 - Digital Electronics                         | 58 | 57 | 31 | 53.45 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3058 - Petrol Engine Service Lab                   | 52 | 48 | 48 | 92.31 |
| 2 | 3057 - Manufacturing Lab I                         | 52 | 48 | 46 | 88.46 |
| 3 | 3059 - Hydraulics Lab                              | 52 | 48 | 46 | 88.46 |
| 4 | 3001 - Environmental Science & Disaster Management | 52 | 47 | 42 | 80.77 |
| 5 | 3024 - Machine Drawing                             | 52 | 48 | 38 | 73.08 |
| 6 | 3051 - Fluid Mechanics & Machinery                 | 52 | 47 | 36 | 69.23 |
| 7 | 3052 - Production Process of Automobile Components | 52 | 48 | 32 | 61.54 |
| 8 | 3021 - Electrical & Electronics Engg.              | 52 | 47 | 31 | 59.62 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 60 | 59 | 55 | 91.67 |
| 2 | 3137 - Objected Oriented Programming Lab           | 60 | 58 | 55 | 91.67 |
| 3 | 3001 - Environmental Science & Disaster Management | 60 | 59 | 54 | 90    |
| 4 | 3139 - Database Management System Lab              | 60 | 58 | 52 | 86.67 |
| 5 | 3133 - Digital Computer Principles                 | 60 | 59 | 52 | 86.67 |
| 6 | 3134 - Objected Oriented Programming through C++   | 60 | 59 | 48 | 80    |
| 7 | 3131 - Computer Architecture                       | 60 | 59 | 47 | 78.33 |
| 8 | 3132 - Database Management System                  | 60 | 59 | 45 | 75    |

**13 Kerala Government Polytechnic College, Kozhikode**

|   | Subject  | Registered | Appeared | Passed | Pass % |
|---|--|------------|----------|--------|--------|
| <b>Civil Engineering</b>                        |  |            |          |        |        |
| 1   | 3017 - Survey Practical II                         | 63         | 61       | 61     | 96.83  |
| 2   | 3018 - Concrete Lab                                | 63         | 61       | 61     | 96.83  |
| 3   | 3019 - Construction Engg. Lab                      | 63         | 61       | 61     | 96.83  |
| 4   | 3001 - Environmental Science & Disaster Management | 63         | 61       | 57     | 90.48  |
| 5   | 3014 - Building Planning & Drawing                 | 63         | 62       | 54     | 85.71  |
| 6   | 3013 - Theory of Structures I                      | 63         | 63       | 50     | 79.37  |
| 7   | 3011 - Construction Materials and Engineering      | 63         | 63       | 50     | 79.37  |
| 8   | 3012 - Surveying II                                | 63         | 61       | 40     | 63.49  |
| <b>Mechanical Engineering</b>                   |  |            |          |        |        |
| 1   | 3027 - Workshop Practice III                       | 62         | 61       | 61     | 98.39  |
| 2   | 3029 - Fluid Mechanics Lab                         | 62         | 61       | 61     | 98.39  |
| 3   | 3024 - Machine Drawing                             | 62         | 61       | 57     | 91.94  |
| 4   | 3022 - Fluid Mechanics & Pneumatics                | 62         | 60       | 54     | 87.1   |
| 5   | 3001 - Environmental Science & Disaster Management | 62         | 58       | 53     | 85.48  |
| 6   | 3028 - Electrical Technology Lab                   | 62         | 61       | 51     | 82.26  |
| 7   | 3023 - Manufacturing Process                       | 62         | 60       | 43     | 69.35  |
| 8   | 3021 - Electrical & Electronics Engg.              | 62         | 57       | 38     | 61.29  |
| <b>Electrical &amp; Electronics Engineering</b> |  |            |          |        |        |
| 1   | 3038 - Mechanical Engineering Lab                  | 62         | 61       | 59     | 95.16  |
| 2   | 3037 - Electrical Workshop Practice                | 62         | 60       | 57     | 91.94  |
| 3   | 3039 - Electrical Measurements Lab                 | 62         | 60       | 54     | 87.1   |
| 4   | 3032 - Electrical Measuring Instruments            | 62         | 61       | 51     | 82.26  |
| 5   | 3001 - Environmental Science & Disaster Management | 62         | 57       | 51     | 82.26  |
| 6   | 3034 - Mechanical Engineering                      | 62         | 62       | 50     | 80.65  |
| 7   | 3033 - Fundamentals of AC Systems                  | 62         | 62       | 46     | 74.19  |
| 8   | 3031 - Analog Devices & Circuits                   | 62         | 58       | 40     | 64.52  |
| <b>Chemical Engineering</b>                     |  |            |          |        |        |
| 1   | 3077 - Maintenance Lab                             | 56         | 55       | 54     | 96.43  |
| 2   | 3078 - General Chemistry Lab                       | 56         | 55       | 53     | 94.64  |
| 3   | 3073 - General Chemistry                           | 56         | 56       | 52     | 92.86  |
| 4   | 3001 - Environmental Science & Disaster Management | 56         | 54       | 50     | 89.29  |
| 5   | 3079 - CAD Lab                                     | 56         | 52       | 50     | 89.29  |
| 6   | 3071 - Chemical Process Principles                 | 56         | 55       | 47     | 83.93  |
| 7   | 3074 - Polymer Technology                          | 56         | 56       | 40     | 71.43  |
| 8   | 3072 - Fluid Mechanics                             | 56         | 55       | 35     | 62.5   |
| <b>Tool &amp; Die Engineering</b>               |  |            |          |        |        |



|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3117 - Workshop Practice III                       | 57 | 57 | 57 | 100   |
| 2 | 3118 - Tool Engineering Lab II                     | 57 | 57 | 57 | 100   |
| 3 | 3112 - Tool Engineering Drawing                    | 57 | 57 | 56 | 98.25 |
| 4 | 3001 - Environmental Science & Disaster Management | 57 | 56 | 51 | 89.47 |
| 5 | 3021 - Electrical & Electronics Engg.              | 57 | 57 | 45 | 78.95 |
| 6 | 3119 - Metrology Lab                               | 57 | 57 | 43 | 75.44 |
| 7 | 3111 - Engineering Metrology                       | 57 | 57 | 41 | 71.93 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 57 | 57 | 36 | 63.16 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3131 - Computer Architecture                       | 75 | 75 | 69 | 92    |
| 2 | 3139 - Database Management System Lab              | 75 | 74 | 68 | 90.67 |
| 3 | 3133 - Digital Computer Principles                 | 75 | 74 | 61 | 81.33 |
| 4 | 3138 - Digital Computer Principles Lab             | 75 | 72 | 60 | 80    |
| 5 | 3001 - Environmental Science & Disaster Management | 75 | 74 | 57 | 76    |
| 6 | 3132 - Database Management System                  | 75 | 75 | 57 | 76    |
| 7 | 3137 - Objected Oriented Programming Lab           | 75 | 75 | 55 | 73.33 |
| 8 | 3134 - Objected Oriented Programming through C++   | 75 | 75 | 49 | 65.33 |

### 14 Government Polytechnic College, Kannur

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 61 | 60 | 59 | 96.72 |
| 2 | 3018 - Concrete Lab                                | 61 | 60 | 59 | 96.72 |
| 3 | 3017 - Survey Practical II                         | 61 | 59 | 58 | 95.08 |
| 4 | 3001 - Environmental Science & Disaster Management | 61 | 61 | 53 | 86.89 |
| 5 | 3012 - Surveying II                                | 61 | 60 | 46 | 75.41 |
| 6 | 3014 - Building Planning & Drawing                 | 61 | 60 | 45 | 73.77 |
| 7 | 3011 - Construction Materials and Engineering      | 61 | 61 | 43 | 70.49 |
| 8 | 3013 - Theory of Structures I                      | 61 | 61 | 40 | 65.57 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3029 - Fluid Mechanics Lab                         | 59 | 59 | 59 | 100   |
| 2 | 3027 - Workshop Practice III                       | 59 | 58 | 56 | 94.92 |
| 3 | 3001 - Environmental Science & Disaster Management | 59 | 59 | 56 | 94.92 |
| 4 | 3024 - Machine Drawing                             | 59 | 59 | 50 | 84.75 |
| 5 | 3028 - Electrical Technology Lab                   | 59 | 57 | 49 | 83.05 |
| 6 | 3021 - Electrical & Electronics Engg.              | 59 | 59 | 40 | 67.8  |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 59 | 59 | 39 | 66.1  |
| 8 | 3023 - Manufacturing Process                       | 59 | 59 | 37 | 62.71 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 59 | 59 | 59 | 100   |
| 2 | 3038 - Mechanical Engineering Lab                  | 59 | 58 | 58 | 98.31 |

|   |   |    |    |    |       |
|---|---|----|----|----|-------|
| 3 | 3033 - Fundamentals of AC Systems       | 59 | 59 | 54 | 91.53 |
| 4 | 3032 - Electrical Measuring Instruments | 59 | 58 | 53 | 89.83 |
| 5 | 3034 - Mechanical Engineering           | 59 | 59 | 53 | 89.83 |
| 6 | 3039 - Electrical Measurements Lab      | 59 | 58 | 52 | 88.14 |
| 7 | 3031 - Analog Devices & Circuits        | 59 | 59 | 49 | 83.05 |
| 8 | 3037 - Electrical Workshop Practice     | 59 | 59 | 48 | 81.36 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3042 - Digital Electronics                         | 60 | 60 | 54 | 90    |
| 2 | 3001 - Environmental Science & Disaster Management | 60 | 59 | 54 | 90    |
| 3 | 3047 - Electronics Circuits Lab                    | 60 | 55 | 52 | 86.67 |
| 4 | 3048 - Digital Electronics Lab                     | 60 | 54 | 51 | 85    |
| 5 | 3049 - Analogue Communication Lab                  | 60 | 56 | 50 | 83.33 |
| 6 | 3041 - Communication Engineering                   | 60 | 60 | 49 | 81.67 |
| 7 | 3044 - Electronic Devices & Circuits               | 60 | 60 | 43 | 71.67 |
| 8 | 3043 - Electrical Technology                       | 60 | 59 | 34 | 56.67 |

### Textile Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3067 - Yarn Formation I Practical                  | 48 | 45 | 39 | 81.25 |
| 2 | 3069 - Fabric Formation I Practical                | 48 | 40 | 39 | 81.25 |
| 3 | 3068 - Textile Wet Processing I Practical          | 48 | 42 | 37 | 77.08 |
| 4 | 3001 - Environmental Science & Disaster Management | 48 | 46 | 32 | 66.67 |
| 5 | 3061 - Design and Structure of Fabrics             | 48 | 46 | 30 | 62.5  |
| 6 | 3064 - Yarn Formation I                            | 48 | 46 | 29 | 60.42 |
| 7 | 3063 - Textile Wet Processing I                    | 48 | 44 | 27 | 56.25 |
| 8 | 3062 - Fabric Formation I                          | 48 | 45 | 19 | 39.58 |

### Wood & Paper Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3128 - Wood Chemistry Lab                          | 34 | 34 | 34 | 100   |
| 2 | 3129 - Pulp Technology Lab                         | 34 | 34 | 34 | 100   |
| 3 | 3127 - Workshop Practice                           | 34 | 34 | 34 | 100   |
| 4 | 3122 - Pulp Technology                             | 34 | 34 | 31 | 91.18 |
| 5 | 3123 - Wood Processing                             | 34 | 34 | 21 | 61.76 |
| 6 | 3001 - Environmental Science & Disaster Management | 34 | 34 | 21 | 61.76 |
| 7 | 3121 - Mechanical & Electrical Engineering         | 34 | 34 | 19 | 55.88 |
| 8 | 3124 - Wood Chemistry                              | 34 | 33 | 17 | 50    |

### 15 Swami Nithyananda Polytechnic College, Kanhangad

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |                                    |    |    |    |     |
|---|------------------------------------|----|----|----|-----|
| 1 | 3019 - Construction Engg. Lab      | 50 | 50 | 50 | 100 |
| 2 | 3018 - Concrete Lab                | 50 | 50 | 50 | 100 |
| 3 | 3017 - Survey Practical II         | 50 | 50 | 48 | 96  |
| 4 | 3014 - Building Planning & Drawing | 50 | 50 | 48 | 96  |

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 5 | 3001 - Environmental Science & Disaster Management | 50 | 50 | 43 | 86 |
| 6 | 3013 - Theory of Structures I                      | 50 | 50 | 40 | 80 |
| 7 | 3011 - Construction Materials and Engineering      | 50 | 50 | 39 | 78 |
| 8 | 3012 - Surveying II                                | 50 | 50 | 34 | 68 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 42 | 42 | 39 | 92.86 |
| 2 | 3029 - Fluid Mechanics Lab                         | 42 | 42 | 38 | 90.48 |
| 3 | 3001 - Environmental Science & Disaster Management | 42 | 42 | 37 | 88.1  |
| 4 | 3024 - Machine Drawing                             | 42 | 42 | 37 | 88.1  |
| 5 | 3028 - Electrical Technology Lab                   | 42 | 42 | 36 | 85.71 |
| 6 | 3023 - Manufacturing Process                       | 42 | 41 | 28 | 66.67 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 42 | 42 | 28 | 66.67 |
| 8 | 3021 - Electrical & Electronics Engg.              | 42 | 42 | 26 | 61.9  |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 54 | 54 | 47 | 87.04 |
| 2 | 3058 - Petrol Engine Service Lab                   | 54 | 53 | 45 | 83.33 |
| 3 | 3059 - Hydraulics Lab                              | 54 | 49 | 39 | 72.22 |
| 4 | 3024 - Machine Drawing                             | 54 | 53 | 32 | 59.26 |
| 5 | 3001 - Environmental Science & Disaster Management | 54 | 54 | 28 | 51.85 |
| 6 | 3021 - Electrical & Electronics Engg.              | 54 | 53 | 18 | 33.33 |
| 7 | 3052 - Production Process of Automobile Components | 54 | 52 | 18 | 33.33 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 54 | 49 | 11 | 20.37 |

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 27 | 23 | 20 | 74.07 |
| 2 | 3047 - Electronics Circuits Lab                    | 27 | 20 | 16 | 59.26 |
| 3 | 3042 - Digital Electronics                         | 27 | 23 | 15 | 55.56 |
| 4 | 3048 - Digital Electronics Lab                     | 27 | 20 | 13 | 48.15 |
| 5 | 3001 - Environmental Science & Disaster Management | 27 | 17 | 12 | 44.44 |
| 6 | 3044 - Electronic Devices & Circuits               | 27 | 23 | 9  | 33.33 |
| 7 | 3041 - Communication Engineering                   | 27 | 25 | 6  | 22.22 |
| 8 | 3043 - Electrical Technology                       | 27 | 22 | 3  | 11.11 |

### 16 Women's Polytechnic College, Thiruvananthapuram

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 58 | 58 | 58 | 100   |
| 2 | 3047 - Electronics Circuits Lab                    | 58 | 58 | 58 | 100   |
| 3 | 3048 - Digital Electronics Lab                     | 58 | 58 | 52 | 89.66 |
| 4 | 3001 - Environmental Science & Disaster Management | 58 | 57 | 48 | 82.76 |
| 5 | 3044 - Electronic Devices & Circuits               | 58 | 58 | 47 | 81.03 |
| 6 | 3043 - Electrical Technology                       | 58 | 56 | 41 | 70.69 |

|   |                                  |    |    |    |       |
|---|----------------------------------|----|----|----|-------|
| 7 | 3041 - Communication Engineering | 58 | 56 | 41 | 70.69 |
| 8 | 3042 - Digital Electronics       | 58 | 57 | 40 | 68.97 |

### Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3218 - Transducers and Measurements Lab            | 47 | 43 | 43 | 91.49 |
| 2 | 3219 - Analog Circuits Lab                         | 47 | 45 | 43 | 91.49 |
| 3 | 3217 - Digital Circuits Lab                        | 47 | 44 | 43 | 91.49 |
| 4 | 3213 - Electrical & Electronic Instruments         | 47 | 44 | 39 | 82.98 |
| 5 | 3214 - Instrument Transducers                      | 47 | 44 | 37 | 78.72 |
| 6 | 3212 - Digital Circuits                            | 47 | 46 | 36 | 76.6  |
| 7 | 3001 - Environmental Science & Disaster Management | 47 | 47 | 35 | 74.47 |
| 8 | 3211 - Analog Circuits                             | 47 | 46 | 34 | 72.34 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3131 - Computer Architecture                       | 47 | 47 | 47 | 100   |
| 2 | 3138 - Digital Computer Principles Lab             | 47 | 46 | 46 | 97.87 |
| 3 | 3139 - Database Management System Lab              | 47 | 46 | 46 | 97.87 |
| 4 | 3137 - Objected Oriented Programming Lab           | 47 | 46 | 46 | 97.87 |
| 5 | 3133 - Digital Computer Principles                 | 47 | 46 | 43 | 91.49 |
| 6 | 3132 - Database Management System                  | 47 | 47 | 41 | 87.23 |
| 7 | 3001 - Environmental Science & Disaster Management | 47 | 47 | 41 | 87.23 |
| 8 | 3134 - Objected Oriented Programming through C++   | 47 | 47 | 40 | 85.11 |

### Commercial Practice

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3142 - English for Commercial Practice I           | 59 | 59 | 58 | 98.31 |
| 2 | 3143 - Mercantile Law                              | 59 | 58 | 57 | 96.61 |
| 3 | 3144 - Principles of Management                    | 59 | 59 | 56 | 94.92 |
| 4 | 3141 - Accountancy III                             | 59 | 59 | 56 | 94.92 |
| 5 | 3001 - Environmental Science & Disaster Management | 59 | 59 | 53 | 89.83 |
| 6 | 3145 - Shorthand English 60 wpm                    | 59 | 58 | 45 | 76.27 |

### 17 Women's Polytechnic College, Thrissur

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3042 - Digital Electronics                         | 50 | 47 | 44 | 88 |
| 2 | 3049 - Analogue Communication Lab                  | 50 | 46 | 42 | 84 |
| 3 | 3001 - Environmental Science & Disaster Management | 50 | 47 | 41 | 82 |
| 4 | 3048 - Digital Electronics Lab                     | 50 | 46 | 41 | 82 |
| 5 | 3047 - Electronics Circuits Lab                    | 50 | 46 | 40 | 80 |
| 6 | 3041 - Communication Engineering                   | 50 | 46 | 37 | 74 |
| 7 | 3043 - Electrical Technology                       | 50 | 47 | 36 | 72 |
| 8 | 3044 - Electronic Devices & Circuits               | 50 | 46 | 32 | 64 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3131 - Computer Architecture                       | 47 | 47 | 42 | 89.36 |
| 2 | 3001 - Environmental Science & Disaster Management | 47 | 47 | 41 | 87.23 |
| 3 | 3138 - Digital Computer Principles Lab             | 47 | 47 | 40 | 85.11 |
| 4 | 3133 - Digital Computer Principles                 | 47 | 46 | 35 | 74.47 |
| 5 | 3132 - Database Management System                  | 47 | 47 | 33 | 70.21 |
| 6 | 3134 - Objected Oriented Programming through C++   | 47 | 47 | 33 | 70.21 |
| 7 | 3139 - Database Management System Lab              | 47 | 47 | 31 | 65.96 |
| 8 | 3137 - Objected Oriented Programming Lab           | 47 | 47 | 30 | 63.83 |

#### Commercial Practice

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3143 - Mercantile Law                              | 60 | 58 | 58 | 96.67 |
| 2 | 3142 - English for Commercial Practice I           | 60 | 58 | 58 | 96.67 |
| 3 | 3001 - Environmental Science & Disaster Management | 60 | 58 | 57 | 95    |
| 4 | 3141 - Accountancy III                             | 60 | 58 | 56 | 93.33 |
| 5 | 3144 - Principles of Management                    | 60 | 58 | 55 | 91.67 |
| 6 | 3145 - Shorthand English 60 wpm                    | 60 | 58 | 54 | 90    |

#### 18 Women's Polytechnic College, Kozhikode

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 42 | 41 | 40 | 95.24 |
| 2 | 3047 - Electronics Circuits Lab                    | 42 | 40 | 39 | 92.86 |
| 3 | 3043 - Electrical Technology                       | 42 | 41 | 38 | 90.48 |
| 4 | 3001 - Environmental Science & Disaster Management | 42 | 42 | 34 | 80.95 |
| 5 | 3048 - Digital Electronics Lab                     | 42 | 39 | 33 | 78.57 |
| 6 | 3042 - Digital Electronics                         | 42 | 40 | 33 | 78.57 |
| 7 | 3044 - Electronic Devices & Circuits               | 42 | 41 | 30 | 71.43 |
| 8 | 3041 - Communication Engineering                   | 42 | 39 | 29 | 69.05 |

#### Commercial Practice

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3143 - Mercantile Law                              | 46 | 46 | 46 | 100   |
| 2 | 3142 - English for Commercial Practice I           | 46 | 46 | 46 | 100   |
| 3 | 3144 - Principles of Management                    | 46 | 46 | 44 | 95.65 |
| 4 | 3001 - Environmental Science & Disaster Management | 46 | 46 | 44 | 95.65 |
| 5 | 3145 - Shorthand English 60 wpm                    | 46 | 45 | 44 | 95.65 |
| 6 | 3141 - Accountancy III                             | 46 | 46 | 42 | 91.3  |

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

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Electronics

|   |                                   |    |    |    |       |
|---|-----------------------------------|----|----|----|-------|
| 1 | 3048 - Digital Electronics Lab    | 47 | 47 | 46 | 97.87 |
| 2 | 3047 - Electronics Circuits Lab   | 47 | 47 | 45 | 95.74 |
| 3 | 3049 - Analogue Communication Lab | 47 | 47 | 45 | 95.74 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 4 | 3001 - Environmental Science & Disaster Management | 47 | 47 | 43 | 91.49 |
| 5 | 3042 - Digital Electronics                         | 47 | 47 | 38 | 80.85 |
| 6 | 3041 - Communication Engineering                   | 47 | 47 | 36 | 76.6  |
| 7 | 3044 - Electronic Devices & Circuits               | 47 | 47 | 33 | 70.21 |
| 8 | 3043 - Electrical Technology                       | 47 | 47 | 30 | 63.83 |

### Printing Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3108 - Image Processing Lab                        | 75 | 73 | 73 | 97.33 |
| 2 | 3109 - Desk Top Publishing Lab                     | 75 | 71 | 56 | 74.67 |
| 3 | 3107 - Offset Printing Lab                         | 75 | 72 | 54 | 72    |
| 4 | 3001 - Environmental Science & Disaster Management | 75 | 74 | 53 | 70.67 |
| 5 | 3102 - Image Processing                            | 75 | 74 | 53 | 70.67 |
| 6 | 3101 - Desk Top Publishing                         | 75 | 73 | 46 | 61.33 |
| 7 | 3104 - Offset Printing                             | 75 | 74 | 46 | 61.33 |
| 8 | 3103 - Materials for Printing                      | 75 | 72 | 41 | 54.67 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 62 | 62 | 54 | 87.1  |
| 2 | 3137 - Objected Oriented Programming Lab           | 62 | 60 | 53 | 85.48 |
| 3 | 3001 - Environmental Science & Disaster Management | 62 | 61 | 50 | 80.65 |
| 4 | 3133 - Digital Computer Principles                 | 62 | 62 | 49 | 79.03 |
| 5 | 3131 - Computer Architecture                       | 62 | 62 | 46 | 74.19 |
| 6 | 3138 - Digital Computer Principles Lab             | 62 | 59 | 46 | 74.19 |
| 7 | 3132 - Database Management System                  | 62 | 62 | 46 | 74.19 |
| 8 | 3134 - Objected Oriented Programming through C++   | 62 | 61 | 37 | 59.68 |

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

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Tool & Die Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3118 - Tool Engineering Lab II                     | 32 | 29 | 29 | 90.63 |
| 2 | 3117 - Workshop Practice III                       | 32 | 26 | 26 | 81.25 |
| 3 | 3119 - Metrology Lab                               | 32 | 24 | 23 | 71.88 |
| 4 | 3001 - Environmental Science & Disaster Management | 32 | 30 | 13 | 40.63 |
| 5 | 3112 - Tool Engineering Drawing                    | 32 | 30 | 11 | 34.38 |
| 6 | 3111 - Engineering Metrology                       | 32 | 32 | 4  | 12.5  |
| 7 | 3021 - Electrical & Electronics Engg.              | 32 | 32 | 4  | 12.5  |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 32 | 29 | 2  | 6.25  |

### 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 % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 51 | 45 | 45 | 88.24 |
| 2 | 3018 - Concrete Lab                                | 51 | 45 | 45 | 88.24 |
| 3 | 3019 - Construction Engg. Lab                      | 51 | 48 | 45 | 88.24 |
| 4 | 3001 - Environmental Science & Disaster Management | 51 | 46 | 42 | 82.35 |
| 5 | 3014 - Building Planning & Drawing                 | 51 | 47 | 40 | 78.43 |
| 6 | 3011 - Construction Materials and Engineering      | 51 | 48 | 34 | 66.67 |
| 7 | 3012 - Surveying II                                | 51 | 48 | 33 | 64.71 |
| 8 | 3013 - Theory of Structures I                      | 51 | 47 | 24 | 47.06 |

### Mechanical Engineering

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3027 - Workshop Practice III                       | 50 | 48 | 48 | 96 |
| 2 | 3024 - Machine Drawing                             | 50 | 49 | 47 | 94 |
| 3 | 3028 - Electrical Technology Lab                   | 50 | 48 | 46 | 92 |
| 4 | 3001 - Environmental Science & Disaster Management | 50 | 48 | 44 | 88 |
| 5 | 3029 - Fluid Mechanics Lab                         | 50 | 48 | 44 | 88 |
| 6 | 3021 - Electrical & Electronics Engg.              | 50 | 48 | 28 | 56 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 50 | 48 | 27 | 54 |
| 8 | 3023 - Manufacturing Process                       | 50 | 48 | 26 | 52 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 49 | 49 | 46 | 93.88 |
| 2 | 3039 - Electrical Measurements Lab                 | 49 | 48 | 42 | 85.71 |
| 3 | 3038 - Mechanical Engineering Lab                  | 49 | 49 | 42 | 85.71 |
| 4 | 3001 - Environmental Science & Disaster Management | 49 | 48 | 39 | 79.59 |
| 5 | 3032 - Electrical Measuring Instruments            | 49 | 48 | 36 | 73.47 |
| 6 | 3033 - Fundamentals of AC Systems                  | 49 | 48 | 32 | 65.31 |
| 7 | 3034 - Mechanical Engineering                      | 49 | 49 | 26 | 53.06 |
| 8 | 3031 - Analog Devices & Circuits                   | 49 | 48 | 25 | 51.02 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3048 - Digital Electronics Lab                     | 44 | 42 | 35 | 79.55 |
| 2 | 3049 - Analogue Communication Lab                  | 44 | 42 | 33 | 75    |
| 3 | 3001 - Environmental Science & Disaster Management | 44 | 43 | 30 | 68.18 |
| 4 | 3047 - Electronics Circuits Lab                    | 44 | 37 | 29 | 65.91 |
| 5 | 3042 - Digital Electronics                         | 44 | 44 | 27 | 61.36 |
| 6 | 3044 - Electronic Devices & Circuits               | 44 | 43 | 15 | 34.09 |
| 7 | 3041 - Communication Engineering                   | 44 | 38 | 14 | 31.82 |

|   |                              |    |    |   |       |
|---|------------------------------|----|----|---|-------|
| 8 | 3043 - Electrical Technology | 44 | 41 | 9 | 20.45 |
|---|------------------------------|----|----|---|-------|

### Computer Engineering

|   |  |    |    |    |      |
|---|--|----|----|----|------|
| 1 | 3138 - Digital Computer Principles Lab             | 40 | 33 | 22 | 55   |
| 2 | 3139 - Database Management System Lab              | 40 | 34 | 22 | 55   |
| 3 | 3137 - Objected Oriented Programming Lab           | 40 | 33 | 22 | 55   |
| 4 | 3001 - Environmental Science & Disaster Management | 40 | 28 | 21 | 52.5 |
| 5 | 3133 - Digital Computer Principles                 | 40 | 35 | 19 | 47.5 |
| 6 | 3131 - Computer Architecture                       | 40 | 32 | 19 | 47.5 |
| 7 | 3132 - Database Management System                  | 40 | 34 | 12 | 30   |
| 8 | 3134 - Objected Oriented Programming through C++   | 40 | 31 | 11 | 27.5 |

### 22 Government Polytechnic College, Kasargod

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 49 | 48 | 48 | 97.96 |
| 2 | 3021 - Electrical & Electronics Engg.              | 49 | 46 | 41 | 83.67 |
| 3 | 3029 - Fluid Mechanics Lab                         | 49 | 44 | 39 | 79.59 |
| 4 | 3024 - Machine Drawing                             | 49 | 46 | 35 | 71.43 |
| 5 | 3001 - Environmental Science & Disaster Management | 49 | 46 | 35 | 71.43 |
| 6 | 3023 - Manufacturing Process                       | 49 | 46 | 32 | 65.31 |
| 7 | 3028 - Electrical Technology Lab                   | 49 | 46 | 31 | 63.27 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 49 | 48 | 21 | 42.86 |

### Electrical & Electronics Engineering

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3001 - Environmental Science & Disaster Management | 50 | 50 | 47 | 94 |
| 2 | 3038 - Mechanical Engineering Lab                  | 50 | 50 | 46 | 92 |
| 3 | 3037 - Electrical Workshop Practice                | 50 | 50 | 41 | 82 |
| 4 | 3034 - Mechanical Engineering                      | 50 | 50 | 32 | 64 |
| 5 | 3033 - Fundamentals of AC Systems                  | 50 | 49 | 32 | 64 |
| 6 | 3032 - Electrical Measuring Instruments            | 50 | 48 | 31 | 62 |
| 7 | 3031 - Analog Devices & Circuits                   | 50 | 49 | 30 | 60 |
| 8 | 3039 - Electrical Measurements Lab                 | 50 | 50 | 23 | 46 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 49 | 49 | 42 | 85.71 |
| 2 | 3048 - Digital Electronics Lab                     | 49 | 48 | 41 | 83.67 |
| 3 | 3047 - Electronics Circuits Lab                    | 49 | 47 | 40 | 81.63 |
| 4 | 3001 - Environmental Science & Disaster Management | 49 | 49 | 35 | 71.43 |
| 5 | 3044 - Electronic Devices & Circuits               | 49 | 48 | 34 | 69.39 |
| 6 | 3041 - Communication Engineering                   | 49 | 47 | 29 | 59.18 |
| 7 | 3043 - Electrical Technology                       | 49 | 49 | 27 | 55.1  |
| 8 | 3042 - Digital Electronics                         | 49 | 48 | 27 | 55.1  |



## Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3131 - Computer Architecture                       | 48 | 45 | 43 | 89.58 |
| 2 | 3134 - Objected Oriented Programming through C++   | 48 | 46 | 42 | 87.5  |
| 3 | 3133 - Digital Computer Principles                 | 48 | 47 | 41 | 85.42 |
| 4 | 3138 - Digital Computer Principles Lab             | 48 | 47 | 40 | 83.33 |
| 5 | 3139 - Database Management System Lab              | 48 | 47 | 40 | 83.33 |
| 6 | 3001 - Environmental Science & Disaster Management | 48 | 47 | 39 | 81.25 |
| 7 | 3137 - Objected Oriented Programming Lab           | 48 | 46 | 35 | 72.92 |
| 8 | 3132 - Database Management System                  | 48 | 47 | 34 | 70.83 |

## Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 31 | 31 | 31 | 100   |
| 2 | 3017 - Survey Practical II                         | 31 | 31 | 31 | 100   |
| 3 | 3019 - Construction Engg. Lab                      | 31 | 31 | 31 | 100   |
| 4 | 3001 - Environmental Science & Disaster Management | 31 | 31 | 29 | 93.55 |
| 5 | 3012 - Surveying II                                | 31 | 31 | 28 | 90.32 |
| 6 | 3011 - Construction Materials and Engineering      | 31 | 31 | 28 | 90.32 |
| 7 | 3013 - Theory of Structures I                      | 31 | 31 | 27 | 87.1  |
| 8 | 3014 - Building Planning & Drawing                 | 31 | 31 | 24 | 77.42 |

## 23 Government Polytechnic College, Kothamangalam

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

## Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 29 | 29 | 29 | 100   |
| 2 | 3018 - Concrete Lab                                | 29 | 29 | 29 | 100   |
| 3 | 3019 - Construction Engg. Lab                      | 29 | 29 | 29 | 100   |
| 4 | 3001 - Environmental Science & Disaster Management | 29 | 29 | 25 | 86.21 |
| 5 | 3014 - Building Planning & Drawing                 | 29 | 29 | 25 | 86.21 |
| 6 | 3011 - Construction Materials and Engineering      | 29 | 29 | 24 | 82.76 |
| 7 | 3013 - Theory of Structures I                      | 29 | 29 | 21 | 72.41 |
| 8 | 3012 - Surveying II                                | 29 | 29 | 20 | 68.97 |

## Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 52 | 52 | 52 | 100   |
| 2 | 3028 - Electrical Technology Lab                   | 52 | 52 | 50 | 96.15 |
| 3 | 3001 - Environmental Science & Disaster Management | 52 | 52 | 46 | 88.46 |
| 4 | 3029 - Fluid Mechanics Lab                         | 52 | 52 | 46 | 88.46 |
| 5 | 3023 - Manufacturing Process                       | 52 | 52 | 41 | 78.85 |
| 6 | 3024 - Machine Drawing                             | 52 | 52 | 38 | 73.08 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 52 | 52 | 29 | 55.77 |
| 8 | 3021 - Electrical & Electronics Engg.              | 52 | 52 | 26 | 50    |

## Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 53 | 52 | 51 | 96.23 |
| 2 | 3047 - Electronics Circuits Lab                    | 53 | 52 | 49 | 92.45 |
| 3 | 3048 - Digital Electronics Lab                     | 53 | 50 | 48 | 90.57 |
| 4 | 3001 - Environmental Science & Disaster Management | 53 | 53 | 42 | 79.25 |
| 5 | 3042 - Digital Electronics                         | 53 | 53 | 29 | 54.72 |
| 6 | 3044 - Electronic Devices & Circuits               | 53 | 53 | 25 | 47.17 |
| 7 | 3041 - Communication Engineering                   | 53 | 53 | 22 | 41.51 |
| 8 | 3043 - Electrical Technology                       | 53 | 52 | 18 | 33.96 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 53 | 51 | 49 | 92.45 |
| 2 | 3001 - Environmental Science & Disaster Management | 53 | 51 | 36 | 67.92 |
| 3 | 3137 - Objected Oriented Programming Lab           | 53 | 51 | 32 | 60.38 |
| 4 | 3133 - Digital Computer Principles                 | 53 | 52 | 32 | 60.38 |
| 5 | 3139 - Database Management System Lab              | 53 | 46 | 31 | 58.49 |
| 6 | 3131 - Computer Architecture                       | 53 | 52 | 27 | 50.94 |
| 7 | 3134 - Objected Oriented Programming through C++   | 53 | 51 | 25 | 47.17 |
| 8 | 3132 - Database Management System                  | 53 | 51 | 24 | 45.28 |

### 24 Government Polytechnic College, Meenangadi

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 58 | 58 | 58 | 100   |
| 2 | 3018 - Concrete Lab                                | 58 | 58 | 58 | 100   |
| 3 | 3019 - Construction Engg. Lab                      | 58 | 58 | 57 | 98.28 |
| 4 | 3001 - Environmental Science & Disaster Management | 58 | 58 | 54 | 93.1  |
| 5 | 3012 - Surveying II                                | 58 | 58 | 48 | 82.76 |
| 6 | 3014 - Building Planning & Drawing                 | 58 | 58 | 47 | 81.03 |
| 7 | 3013 - Theory of Structures I                      | 58 | 58 | 45 | 77.59 |
| 8 | 3011 - Construction Materials and Engineering      | 58 | 58 | 38 | 65.52 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3029 - Fluid Mechanics Lab                         | 60 | 57 | 54 | 90    |
| 2 | 3027 - Workshop Practice III                       | 60 | 54 | 51 | 85    |
| 3 | 3001 - Environmental Science & Disaster Management | 60 | 53 | 46 | 76.67 |
| 4 | 3023 - Manufacturing Process                       | 60 | 56 | 38 | 63.33 |
| 5 | 3028 - Electrical Technology Lab                   | 60 | 53 | 36 | 60    |
| 6 | 3024 - Machine Drawing                             | 60 | 56 | 36 | 60    |
| 7 | 3021 - Electrical & Electronics Engg.              | 60 | 54 | 32 | 53.33 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 60 | 53 | 28 | 46.67 |

### Electrical & Electronics Engineering

|   |                                     |    |    |    |       |
|---|-------------------------------------|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice | 53 | 50 | 45 | 84.91 |
| 2 | 3038 - Mechanical Engineering Lab   | 53 | 46 | 45 | 84.91 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3001 - Environmental Science & Disaster Management | 53 | 48 | 45 | 84.91 |
| 4 | 3032 - Electrical Measuring Instruments            | 53 | 48 | 37 | 69.81 |
| 5 | 3039 - Electrical Measurements Lab                 | 53 | 47 | 32 | 60.38 |
| 6 | 3033 - Fundamentals of AC Systems                  | 53 | 49 | 31 | 58.49 |
| 7 | 3034 - Mechanical Engineering                      | 53 | 49 | 29 | 54.72 |
| 8 | 3031 - Analog Devices & Circuits                   | 53 | 48 | 22 | 41.51 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 49 | 39 | 39 | 79.59 |
| 2 | 3049 - Analogue Communication Lab                  | 49 | 48 | 38 | 77.55 |
| 3 | 3048 - Digital Electronics Lab                     | 49 | 45 | 38 | 77.55 |
| 4 | 3042 - Digital Electronics                         | 49 | 48 | 35 | 71.43 |
| 5 | 3001 - Environmental Science & Disaster Management | 49 | 48 | 31 | 63.27 |
| 6 | 3044 - Electronic Devices & Circuits               | 49 | 46 | 23 | 46.94 |
| 7 | 3041 - Communication Engineering                   | 49 | 48 | 11 | 22.45 |
| 8 | 3043 - Electrical Technology                       | 49 | 47 | 5  | 10.2  |

### 25 Women's Polytechnic College, Ernakulam

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 53 | 53 | 53 | 100   |
| 2 | 3048 - Digital Electronics Lab                     | 53 | 53 | 53 | 100   |
| 3 | 3049 - Analogue Communication Lab                  | 53 | 53 | 53 | 100   |
| 4 | 3001 - Environmental Science & Disaster Management | 53 | 53 | 49 | 92.45 |
| 5 | 3041 - Communication Engineering                   | 53 | 53 | 47 | 88.68 |
| 6 | 3042 - Digital Electronics                         | 53 | 53 | 47 | 88.68 |
| 7 | 3044 - Electronic Devices & Circuits               | 53 | 52 | 43 | 81.13 |
| 8 | 3043 - Electrical Technology                       | 53 | 52 | 37 | 69.81 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 56 | 55 | 53 | 94.64 |
| 2 | 3131 - Computer Architecture                       | 56 | 55 | 52 | 92.86 |
| 3 | 3133 - Digital Computer Principles                 | 56 | 55 | 51 | 91.07 |
| 4 | 3134 - Objected Oriented Programming through C++   | 56 | 54 | 50 | 89.29 |
| 5 | 3001 - Environmental Science & Disaster Management | 56 | 55 | 49 | 87.5  |
| 6 | 3137 - Objected Oriented Programming Lab           | 56 | 55 | 49 | 87.5  |
| 7 | 3139 - Database Management System Lab              | 56 | 54 | 47 | 83.93 |
| 8 | 3132 - Database Management System                  | 56 | 55 | 45 | 80.36 |

### Commercial Practice

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3143 - Mercantile Law                              | 53 | 53 | 53 | 100   |
| 2 | 3142 - English for Commercial Practice I           | 53 | 53 | 53 | 100   |
| 3 | 3001 - Environmental Science & Disaster Management | 53 | 53 | 52 | 98.11 |
| 4 | 3145 - Shorthand English 60 wpm                    | 53 | 53 | 51 | 96.23 |

|   |                                 |    |    |    |       |
|---|---------------------------------|----|----|----|-------|
| 5 | 3144 - Principles of Management | 53 | 53 | 50 | 94.34 |
| 6 | 3141 - Accountancy III          | 53 | 53 | 49 | 92.45 |

### Architecture

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3188 - Survey Practical                            | 32 | 32 | 32 | 100   |
| 2 | 3189 - Model Making Workshop & Masonry Lab         | 32 | 32 | 32 | 100   |
| 3 | 3001 - Environmental Science & Disaster Management | 32 | 32 | 31 | 96.88 |
| 4 | 3183 - Architectural Drawing I                     | 32 | 30 | 30 | 93.75 |
| 5 | 3181 - Climatography                               | 32 | 31 | 29 | 90.63 |
| 6 | 3011 - Construction Materials and Engineering      | 32 | 32 | 28 | 87.5  |
| 7 | 3182 - Surveying for Architecture                  | 32 | 31 | 26 | 81.25 |
| 8 | 3013 - Theory of Structures I                      | 32 | 32 | 24 | 75    |

### 26 MVGM Government Polytechnic College, Vennikulam

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 54 | 48 | 48 | 88.89 |
| 2 | 3018 - Concrete Lab                                | 54 | 49 | 48 | 88.89 |
| 3 | 3019 - Construction Engg. Lab                      | 54 | 48 | 48 | 88.89 |
| 4 | 3001 - Environmental Science & Disaster Management | 54 | 49 | 42 | 77.78 |
| 5 | 3014 - Building Planning & Drawing                 | 54 | 50 | 39 | 72.22 |
| 6 | 3013 - Theory of Structures I                      | 54 | 49 | 29 | 53.7  |
| 7 | 3011 - Construction Materials and Engineering      | 54 | 50 | 26 | 48.15 |
| 8 | 3012 - Surveying II                                | 54 | 44 | 17 | 31.48 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 47 | 40 | 38 | 80.85 |
| 2 | 3048 - Digital Electronics Lab                     | 47 | 42 | 31 | 65.96 |
| 3 | 3049 - Analogue Communication Lab                  | 47 | 41 | 29 | 61.7  |
| 4 | 3001 - Environmental Science & Disaster Management | 47 | 36 | 23 | 48.94 |
| 5 | 3043 - Electrical Technology                       | 47 | 44 | 22 | 46.81 |
| 6 | 3042 - Digital Electronics                         | 47 | 44 | 19 | 40.43 |
| 7 | 3041 - Communication Engineering                   | 47 | 45 | 6  | 12.77 |
| 8 | 3044 - Electronic Devices & Circuits               | 47 | 30 | 6  | 12.77 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 56 | 54 | 54 | 96.43 |
| 2 | 3058 - Petrol Engine Service Lab                   | 56 | 55 | 52 | 92.86 |
| 3 | 3059 - Hydraulics Lab                              | 56 | 48 | 36 | 64.29 |
| 4 | 3001 - Environmental Science & Disaster Management | 56 | 49 | 36 | 64.29 |
| 5 | 3024 - Machine Drawing                             | 56 | 54 | 28 | 50    |
| 6 | 3052 - Production Process of Automobile Components | 56 | 56 | 13 | 23.21 |
| 7 | 3021 - Electrical & Electronics Engg.              | 56 | 54 | 11 | 19.64 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 56 | 21 | 3  | 5.36  |

## Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 32 | 31 | 31 | 96.88 |
| 2 | 3138 - Digital Computer Principles Lab             | 32 | 31 | 31 | 96.88 |
| 3 | 3137 - Objected Oriented Programming Lab           | 32 | 29 | 23 | 71.88 |
| 4 | 3001 - Environmental Science & Disaster Management | 32 | 30 | 19 | 59.38 |
| 5 | 3134 - Objected Oriented Programming through C++   | 32 | 31 | 14 | 43.75 |
| 6 | 3131 - Computer Architecture                       | 32 | 30 | 13 | 40.63 |
| 7 | 3132 - Database Management System                  | 32 | 31 | 11 | 34.38 |
| 8 | 3133 - Digital Computer Principles                 | 32 | 13 | 7  | 21.88 |

## 27 Government Polytechnic College, Pala

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

## Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 43 | 43 | 37 | 86.05 |
| 2 | 3047 - Electronics Circuits Lab                    | 43 | 43 | 33 | 76.74 |
| 3 | 3048 - Digital Electronics Lab                     | 43 | 42 | 32 | 74.42 |
| 4 | 3049 - Analogue Communication Lab                  | 43 | 42 | 26 | 60.47 |
| 5 | 3042 - Digital Electronics                         | 43 | 43 | 24 | 55.81 |
| 6 | 3041 - Communication Engineering                   | 43 | 43 | 24 | 55.81 |
| 7 | 3044 - Electronic Devices & Circuits               | 43 | 42 | 17 | 39.53 |
| 8 | 3043 - Electrical Technology                       | 43 | 43 | 16 | 37.21 |

## Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3219 - Analog Circuits Lab                         | 47 | 45 | 42 | 89.36 |
| 2 | 3218 - Transducers and Measurements Lab            | 47 | 46 | 38 | 80.85 |
| 3 | 3001 - Environmental Science & Disaster Management | 47 | 46 | 37 | 78.72 |
| 4 | 3211 - Analog Circuits                             | 47 | 46 | 37 | 78.72 |
| 5 | 3217 - Digital Circuits Lab                        | 47 | 46 | 30 | 63.83 |
| 6 | 3213 - Electrical & Electronic Instruments         | 47 | 46 | 28 | 59.57 |
| 7 | 3212 - Digital Circuits                            | 47 | 46 | 22 | 46.81 |
| 8 | 3214 - Instrument Transducers                      | 47 | 45 | 22 | 46.81 |

## Computer Engineering

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3001 - Environmental Science & Disaster Management | 50 | 49 | 45 | 90 |
| 2 | 3139 - Database Management System Lab              | 50 | 48 | 42 | 84 |
| 3 | 3138 - Digital Computer Principles Lab             | 50 | 47 | 35 | 70 |
| 4 | 3137 - Objected Oriented Programming Lab           | 50 | 48 | 35 | 70 |
| 5 | 3132 - Database Management System                  | 50 | 49 | 34 | 68 |
| 6 | 3133 - Digital Computer Principles                 | 50 | 49 | 31 | 62 |
| 7 | 3131 - Computer Architecture                       | 50 | 49 | 30 | 60 |
| 8 | 3134 - Objected Oriented Programming through C++   | 50 | 48 | 25 | 50 |

## Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 43 | 41 | 41 | 95.35 |
| 2 | 3001 - Environmental Science & Disaster Management | 43 | 43 | 38 | 88.37 |
| 3 | 3039 - Electrical Measurements Lab                 | 43 | 41 | 38 | 88.37 |
| 4 | 3038 - Mechanical Engineering Lab                  | 43 | 39 | 34 | 79.07 |
| 5 | 3032 - Electrical Measuring Instruments            | 43 | 42 | 33 | 76.74 |
| 6 | 3034 - Mechanical Engineering                      | 43 | 41 | 31 | 72.09 |
| 7 | 3033 - Fundamentals of AC Systems                  | 43 | 43 | 24 | 55.81 |
| 8 | 3031 - Analog Devices & Circuits                   | 43 | 42 | 19 | 44.19 |

#### 28 Women's Polytechnic College, Kayamkulam

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 56 | 56 | 56 | 100   |
| 2 | 3047 - Electronics Circuits Lab                    | 56 | 55 | 53 | 94.64 |
| 3 | 3048 - Digital Electronics Lab                     | 56 | 56 | 51 | 91.07 |
| 4 | 3001 - Environmental Science & Disaster Management | 56 | 56 | 43 | 76.79 |
| 5 | 3041 - Communication Engineering                   | 56 | 55 | 39 | 69.64 |
| 6 | 3044 - Electronic Devices & Circuits               | 56 | 56 | 34 | 60.71 |
| 7 | 3042 - Digital Electronics                         | 56 | 56 | 30 | 53.57 |
| 8 | 3043 - Electrical Technology                       | 56 | 56 | 21 | 37.5  |

#### Commercial Practice

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3143 - Mercantile Law                              | 54 | 54 | 51 | 94.44 |
| 2 | 3142 - English for Commercial Practice I           | 54 | 53 | 51 | 94.44 |
| 3 | 3145 - Shorthand English 60 wpm                    | 54 | 54 | 48 | 88.89 |
| 4 | 3141 - Accountancy III                             | 54 | 53 | 48 | 88.89 |
| 5 | 3001 - Environmental Science & Disaster Management | 54 | 53 | 47 | 87.04 |
| 6 | 3144 - Principles of Management                    | 54 | 54 | 47 | 87.04 |

#### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3137 - Objected Oriented Programming Lab           | 61 | 61 | 61 | 100   |
| 2 | 3139 - Database Management System Lab              | 61 | 61 | 60 | 98.36 |
| 3 | 3138 - Digital Computer Principles Lab             | 61 | 60 | 60 | 98.36 |
| 4 | 3134 - Objected Oriented Programming through C++   | 61 | 61 | 44 | 72.13 |
| 5 | 3001 - Environmental Science & Disaster Management | 61 | 61 | 44 | 72.13 |
| 6 | 3132 - Database Management System                  | 61 | 61 | 39 | 63.93 |
| 7 | 3131 - Computer Architecture                       | 61 | 61 | 32 | 52.46 |
| 8 | 3133 - Digital Computer Principles                 | 61 | 59 | 30 | 49.18 |

#### 29 Model Polytechnic College, Vadakara

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3137 - Objected Oriented Programming Lab | 54 | 44 | 40 | 74.07 |
|---|--|----|----|----|-------|

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 2 | 3159 - Database and SQL Lab                        | 54 | 45 | 35 | 64.81 |
| 3 | 3138 - Digital Computer Principles Lab             | 54 | 42 | 34 | 62.96 |
| 4 | 3001 - Environmental Science & Disaster Management | 54 | 46 | 28 | 51.85 |
| 5 | 3133 - Digital Computer Principles                 | 54 | 48 | 23 | 42.59 |
| 6 | 3131 - Computer Architecture                       | 54 | 46 | 15 | 27.78 |
| 7 | 3134 - Objected Oriented Programming through C++   | 54 | 46 | 14 | 25.93 |
| 8 | 3151 - Data Communication                          | 54 | 47 | 11 | 20.37 |

### Applied Electronics

### Medical Electronics

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 58 | 50 | 44 | 75.86 |
| 2 | 3048 - Digital Electronics Lab                     | 58 | 53 | 42 | 72.41 |
| 3 | 3001 - Environmental Science & Disaster Management | 58 | 51 | 41 | 70.69 |
| 4 | 3049 - Analogue Communication Lab                  | 58 | 55 | 40 | 68.97 |
| 5 | 3042 - Digital Electronics                         | 58 | 52 | 31 | 53.45 |
| 6 | 3041 - Communication Engineering                   | 58 | 52 | 26 | 44.83 |
| 7 | 3044 - Electronic Devices & Circuits               | 58 | 53 | 23 | 39.66 |
| 8 | 3043 - Electrical Technology                       | 58 | 54 | 20 | 34.48 |

### Bio-Medical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 60 | 57 | 56 | 93.33 |
| 2 | 3001 - Environmental Science & Disaster Management | 60 | 59 | 56 | 93.33 |
| 3 | 3249 - PCB & Spice Lab                             | 60 | 59 | 55 | 91.67 |
| 4 | 3048 - Digital Electronics Lab                     | 60 | 58 | 53 | 88.33 |
| 5 | 3241 - Basic Medical Science                       | 60 | 59 | 47 | 78.33 |
| 6 | 3042 - Digital Electronics                         | 60 | 57 | 40 | 66.67 |
| 7 | 3044 - Electronic Devices & Circuits               | 60 | 59 | 39 | 65    |
| 8 | 3043 - Electrical Technology                       | 60 | 60 | 31 | 51.67 |

### 30 Government Polytechnic College, Neyyattinkara

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### ELECTRONICS AND AVIONICS

### Computer Application & Business Management

|   |   |    |    |    |       |
|---|---|----|----|----|-------|
| 1 | 3259 - Basics of Computer Hardware & Networking | 43 | 40 | 40 | 93.02 |
|---|---|----|----|----|-------|

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 2 | 3251 - Entrepreneurship Development                | 43 | 43 | 40 | 93.02 |
| 3 | 3258 - Office Automation Software                  | 43 | 39 | 39 | 90.7  |
| 4 | 3143 - Mercantile Law                              | 43 | 43 | 39 | 90.7  |
| 5 | 3001 - Environmental Science & Disaster Management | 43 | 43 | 31 | 72.09 |
| 6 | 3252 - Marketing Management                        | 43 | 43 | 27 | 62.79 |
| 7 | 3253 - Quantitative Techniques                     | 43 | 36 | 23 | 53.49 |

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 47 | 45 | 43 | 91.49 |
| 2 | 3047 - Electronics Circuits Lab                    | 47 | 42 | 42 | 89.36 |
| 3 | 3048 - Digital Electronics Lab                     | 47 | 42 | 38 | 80.85 |
| 4 | 3001 - Environmental Science & Disaster Management | 47 | 47 | 32 | 68.09 |
| 5 | 3043 - Electrical Technology                       | 47 | 47 | 26 | 55.32 |
| 6 | 3042 - Digital Electronics                         | 47 | 46 | 25 | 53.19 |
| 7 | 3044 - Electronic Devices & Circuits               | 47 | 41 | 20 | 42.55 |
| 8 | 3041 - Communication Engineering                   | 47 | 43 | 17 | 36.17 |

### Computer Engineering

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3139 - Database Management System Lab              | 50 | 47 | 42 | 84 |
| 2 | 3138 - Digital Computer Principles Lab             | 50 | 46 | 38 | 76 |
| 3 | 3001 - Environmental Science & Disaster Management | 50 | 48 | 37 | 74 |
| 4 | 3137 - Objected Oriented Programming Lab           | 50 | 48 | 29 | 58 |
| 5 | 3131 - Computer Architecture                       | 50 | 46 | 28 | 56 |
| 6 | 3134 - Objected Oriented Programming through C++   | 50 | 42 | 25 | 50 |
| 7 | 3132 - Database Management System                  | 50 | 48 | 23 | 46 |
| 8 | 3133 - Digital Computer Principles                 | 50 | 45 | 21 | 42 |

### Electronics & Instrumentation

### ELECTRONICS AND AVIONICS

#### Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3218 - Transducers and Measurements Lab            | 44 | 31 | 31 | 70.45 |
| 2 | 3217 - Digital Circuits Lab                        | 44 | 30 | 25 | 56.82 |
| 3 | 3219 - Analog Circuits Lab                         | 44 | 26 | 22 | 50    |
| 4 | 3001 - Environmental Science & Disaster Management | 44 | 28 | 15 | 34.09 |
| 5 | 3211 - Analog Circuits                             | 44 | 35 | 12 | 27.27 |
| 6 | 3213 - Electrical & Electronic Instruments         | 44 | 37 | 11 | 25    |
| 7 | 3212 - Digital Circuits                            | 44 | 37 | 11 | 25    |
| 8 | 3214 - Instrument Transducers                      | 44 | 32 | 11 | 25    |

#### Electronics

|   |                                      |    |    |    |       |
|---|--------------------------------------|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab    | 38 | 37 | 35 | 92.11 |
| 2 | 3048 - Digital Electronics Lab       | 38 | 37 | 35 | 92.11 |
| 3 | 3044 - Electronic Devices & Circuits | 38 | 37 | 29 | 76.32 |



|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 4 | 3001 - Environmental Science & Disaster Management | 38 | 37 | 29 | 76.32 |
| 5 | 3042 - Digital Electronics                         | 38 | 37 | 27 | 71.05 |
| 6 | 3047 - Electronics Circuits Lab                    | 38 | 37 | 26 | 68.42 |
| 7 | 3041 - Communication Engineering                   | 38 | 36 | 23 | 60.53 |
| 8 | 3043 - Electrical Technology                       | 38 | 36 | 22 | 57.89 |

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

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 54 | 54 | 52 | 96.3  |
| 2 | 3133 - Digital Computer Principles                 | 54 | 54 | 50 | 92.59 |
| 3 | 3131 - Computer Architecture                       | 54 | 54 | 50 | 92.59 |
| 4 | 3138 - Digital Computer Principles Lab             | 54 | 54 | 49 | 90.74 |
| 5 | 3001 - Environmental Science & Disaster Management | 54 | 54 | 48 | 88.89 |
| 6 | 3137 - Objected Oriented Programming Lab           | 54 | 54 | 46 | 85.19 |
| 7 | 3132 - Database Management System                  | 54 | 54 | 43 | 79.63 |
| 8 | 3134 - Objected Oriented Programming through C++   | 54 | 54 | 41 | 75.93 |

### Electronics & Instrumentation

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 53 | 53 | 53 | 100   |
| 2 | 3049 - Analogue Communication Lab                  | 53 | 53 | 53 | 100   |
| 3 | 3048 - Digital Electronics Lab                     | 53 | 53 | 50 | 94.34 |
| 4 | 3001 - Environmental Science & Disaster Management | 53 | 53 | 46 | 86.79 |
| 5 | 3042 - Digital Electronics                         | 53 | 52 | 44 | 83.02 |
| 6 | 3044 - Electronic Devices & Circuits               | 53 | 53 | 39 | 73.58 |
| 7 | 3043 - Electrical Technology                       | 53 | 53 | 37 | 69.81 |
| 8 | 3041 - Communication Engineering                   | 53 | 53 | 35 | 66.04 |

### Computer Application & Business Management

|   |   |    |    |    |       |
|---|---|----|----|----|-------|
| 1 | 3259 - Basics of Computer Hardware & Networking | 43 | 43 | 43 | 100   |
| 2 | 3258 - Office Automation Software               | 43 | 43 | 43 | 100   |
| 3 | 3252 - Marketing Management                     | 43 | 43 | 42 | 97.67 |
| 4 | 3143 - Mercantile Law                           | 43 | 43 | 41 | 95.35 |
| 5 | 3251 - Entrepreneurship Development             | 43 | 43 | 41 | 95.35 |
| 6 | 3253 - Quantitative Techniques                  | 43 | 43 | 41 | 95.35 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 7 | 3001 - Environmental Science & Disaster Management | 43 | 43 | 41 | 95.35 |
|---|--|----|----|----|-------|

### Instrument Technology

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3218 - Transducers and Measurements Lab            | 50 | 49 | 49 | 98 |
| 2 | 3219 - Analog Circuits Lab                         | 50 | 48 | 48 | 96 |
| 3 | 3214 - Instrument Transducers                      | 50 | 50 | 45 | 90 |
| 4 | 3213 - Electrical & Electronic Instruments         | 50 | 50 | 44 | 88 |
| 5 | 3211 - Analog Circuits                             | 50 | 50 | 44 | 88 |
| 6 | 3001 - Environmental Science & Disaster Management | 50 | 50 | 43 | 86 |
| 7 | 3217 - Digital Circuits Lab                        | 50 | 47 | 42 | 84 |
| 8 | 3212 - Digital Circuits                            | 50 | 50 | 37 | 74 |

### 32 Women's Polytechnic College, Kottakkal

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3042 - Digital Electronics                         | 24 | 21 | 19 | 79.17 |
| 2 | 3047 - Electronics Circuits Lab                    | 24 | 19 | 19 | 79.17 |
| 3 | 3001 - Environmental Science & Disaster Management | 24 | 21 | 18 | 75    |
| 4 | 3048 - Digital Electronics Lab                     | 24 | 18 | 17 | 70.83 |
| 5 | 3043 - Electrical Technology                       | 24 | 21 | 15 | 62.5  |
| 6 | 3049 - Analogue Communication Lab                  | 24 | 17 | 14 | 58.33 |
| 7 | 3041 - Communication Engineering                   | 24 | 20 | 14 | 58.33 |
| 8 | 3044 - Electronic Devices & Circuits               | 24 | 22 | 14 | 58.33 |

### Electronics & Instrumentation

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 37 | 36 | 35 | 94.59 |
| 2 | 3048 - Digital Electronics Lab                     | 37 | 36 | 34 | 91.89 |
| 3 | 3001 - Environmental Science & Disaster Management | 37 | 37 | 33 | 89.19 |
| 4 | 3049 - Analogue Communication Lab                  | 37 | 36 | 30 | 81.08 |
| 5 | 3041 - Communication Engineering                   | 37 | 37 | 29 | 78.38 |
| 6 | 3044 - Electronic Devices & Circuits               | 37 | 36 | 27 | 72.97 |
| 7 | 3042 - Digital Electronics                         | 37 | 36 | 27 | 72.97 |
| 8 | 3043 - Electrical Technology                       | 37 | 37 | 26 | 70.27 |

### Computer Application & Business Management

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3259 - Basics of Computer Hardware & Networking    | 30 | 30 | 30 | 100   |
| 2 | 3001 - Environmental Science & Disaster Management | 30 | 30 | 30 | 100   |
| 3 | 3251 - Entrepreneurship Development                | 30 | 30 | 30 | 100   |
| 4 | 3143 - Mercantile Law                              | 30 | 30 | 30 | 100   |
| 5 | 3258 - Office Automation Software                  | 30 | 30 | 30 | 100   |
| 6 | 3252 - Marketing Management                        | 30 | 30 | 28 | 93.33 |
| 7 | 3253 - Quantitative Techniques                     | 30 | 30 | 28 | 93.33 |

### Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3219 - Analog Circuits Lab                         | 41 | 39 | 38 | 92.68 |
| 2 | 3214 - Instrument Transducers                      | 41 | 40 | 37 | 90.24 |
| 3 | 3218 - Transducers and Measurements Lab            | 41 | 39 | 37 | 90.24 |
| 4 | 3217 - Digital Circuits Lab                        | 41 | 39 | 37 | 90.24 |
| 5 | 3001 - Environmental Science & Disaster Management | 41 | 40 | 36 | 87.8  |
| 6 | 3213 - Electrical & Electronic Instruments         | 41 | 40 | 33 | 80.49 |
| 7 | 3211 - Analog Circuits                             | 41 | 40 | 30 | 73.17 |
| 8 | 3212 - Digital Circuits                            | 41 | 40 | 29 | 70.73 |

### 33 Model Polytechnic College, Mala

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3137 - Objected Oriented Programming Lab           | 45 | 40 | 40 | 88.89 |
| 2 | 3159 - Database and SQL Lab                        | 45 | 41 | 39 | 86.67 |
| 3 | 3001 - Environmental Science & Disaster Management | 45 | 41 | 28 | 62.22 |
| 4 | 3138 - Digital Computer Principles Lab             | 45 | 37 | 25 | 55.56 |
| 5 | 3133 - Digital Computer Principles                 | 45 | 40 | 21 | 46.67 |
| 6 | 3131 - Computer Architecture                       | 45 | 42 | 15 | 33.33 |
| 7 | 3134 - Objected Oriented Programming through C++   | 45 | 38 | 12 | 26.67 |
| 8 | 3151 - Data Communication                          | 45 | 40 | 7  | 15.56 |

### Applied Electronics

#### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3137 - Objected Oriented Programming Lab           | 52 | 49 | 45 | 86.54 |
| 2 | 3139 - Database Management System Lab              | 52 | 49 | 42 | 80.77 |
| 3 | 3001 - Environmental Science & Disaster Management | 52 | 52 | 37 | 71.15 |
| 4 | 3138 - Digital Computer Principles Lab             | 52 | 49 | 36 | 69.23 |
| 5 | 3132 - Database Management System                  | 52 | 50 | 31 | 59.62 |
| 6 | 3133 - Digital Computer Principles                 | 52 | 50 | 29 | 55.77 |
| 7 | 3131 - Computer Architecture                       | 52 | 51 | 29 | 55.77 |
| 8 | 3134 - Objected Oriented Programming through C++   | 52 | 50 | 28 | 53.85 |

### Medical Electronics

**Bio-Medical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3249 - PCB & Spice Lab                             | 60 | 60 | 53 | 88.33 |
| 2 | 3048 - Digital Electronics Lab                     | 60 | 60 | 49 | 81.67 |
| 3 | 3042 - Digital Electronics                         | 60 | 60 | 49 | 81.67 |
| 4 | 3001 - Environmental Science & Disaster Management | 60 | 59 | 48 | 80    |
| 5 | 3047 - Electronics Circuits Lab                    | 60 | 57 | 37 | 61.67 |
| 6 | 3241 - Basic Medical Science                       | 60 | 60 | 31 | 51.67 |
| 7 | 3043 - Electrical Technology                       | 60 | 60 | 27 | 45    |
| 8 | 3044 - Electronic Devices & Circuits               | 60 | 60 | 16 | 26.67 |

**Electronics**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 49 | 42 | 36 | 73.47 |
| 2 | 3048 - Digital Electronics Lab                     | 49 | 45 | 36 | 73.47 |
| 3 | 3049 - Analogue Communication Lab                  | 49 | 43 | 35 | 71.43 |
| 4 | 3001 - Environmental Science & Disaster Management | 49 | 47 | 31 | 63.27 |
| 5 | 3042 - Digital Electronics                         | 49 | 47 | 26 | 53.06 |
| 6 | 3044 - Electronic Devices & Circuits               | 49 | 47 | 16 | 32.65 |
| 7 | 3043 - Electrical Technology                       | 49 | 47 | 13 | 26.53 |
| 8 | 3041 - Communication Engineering                   | 49 | 47 | 13 | 26.53 |

**34 Government Polytechnic College, Attingal**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Mechanical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 55 | 55 | 55 | 100   |
| 2 | 3029 - Fluid Mechanics Lab                         | 55 | 55 | 53 | 96.36 |
| 3 | 3024 - Machine Drawing                             | 55 | 55 | 46 | 83.64 |
| 4 | 3001 - Environmental Science & Disaster Management | 55 | 54 | 45 | 81.82 |
| 5 | 3028 - Electrical Technology Lab                   | 55 | 53 | 43 | 78.18 |
| 6 | 3023 - Manufacturing Process                       | 55 | 55 | 39 | 70.91 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 55 | 54 | 34 | 61.82 |
| 8 | 3021 - Electrical & Electronics Engg.              | 55 | 55 | 30 | 54.55 |

**Electrical & Electronics Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3038 - Mechanical Engineering Lab                  | 57 | 54 | 50 | 87.72 |
| 2 | 3001 - Environmental Science & Disaster Management | 57 | 55 | 48 | 84.21 |
| 3 | 3039 - Electrical Measurements Lab                 | 57 | 54 | 47 | 82.46 |
| 4 | 3034 - Mechanical Engineering                      | 57 | 53 | 42 | 73.68 |
| 5 | 3032 - Electrical Measuring Instruments            | 57 | 54 | 41 | 71.93 |
| 6 | 3037 - Electrical Workshop Practice                | 57 | 55 | 37 | 64.91 |
| 7 | 3033 - Fundamentals of AC Systems                  | 57 | 53 | 32 | 56.14 |
| 8 | 3031 - Analog Devices & Circuits                   | 57 | 53 | 22 | 38.6  |

**Automobile Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 54 | 48 | 48 | 88.89 |
| 2 | 3058 - Petrol Engine Service Lab                   | 54 | 47 | 43 | 79.63 |
| 3 | 3059 - Hydraulics Lab                              | 54 | 47 | 39 | 72.22 |
| 4 | 3001 - Environmental Science & Disaster Management | 54 | 38 | 31 | 57.41 |
| 5 | 3024 - Machine Drawing                             | 54 | 46 | 19 | 35.19 |
| 6 | 3051 - Fluid Mechanics & Machinery                 | 54 | 46 | 18 | 33.33 |
| 7 | 3021 - Electrical & Electronics Engg.              | 54 | 46 | 13 | 24.07 |
| 8 | 3052 - Production Process of Automobile Components | 54 | 46 | 13 | 24.07 |

### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3159 - Database and SQL Lab                        | 39 | 38 | 38 | 97.44 |
| 2 | 3001 - Environmental Science & Disaster Management | 39 | 38 | 34 | 87.18 |
| 3 | 3137 - Objected Oriented Programming Lab           | 39 | 38 | 33 | 84.62 |
| 4 | 3133 - Digital Computer Principles                 | 39 | 37 | 31 | 79.49 |
| 5 | 3138 - Digital Computer Principles Lab             | 39 | 37 | 30 | 76.92 |
| 6 | 3151 - Data Communication                          | 39 | 38 | 28 | 71.79 |
| 7 | 3134 - Objected Oriented Programming through C++   | 39 | 38 | 28 | 71.79 |
| 8 | 3131 - Computer Architecture                       | 39 | 38 | 27 | 69.23 |

### 35 Government Polytechnic College, Adoor

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3024 - Machine Drawing                             | 56 | 54 | 48 | 85.71 |
| 2 | 3027 - Workshop Practice III                       | 56 | 48 | 48 | 85.71 |
| 3 | 3028 - Electrical Technology Lab                   | 56 | 49 | 43 | 76.79 |
| 4 | 3029 - Fluid Mechanics Lab                         | 56 | 51 | 39 | 69.64 |
| 5 | 3001 - Environmental Science & Disaster Management | 56 | 49 | 37 | 66.07 |
| 6 | 3021 - Electrical & Electronics Engg.              | 56 | 54 | 26 | 46.43 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 56 | 54 | 23 | 41.07 |
| 8 | 3023 - Manufacturing Process                       | 56 | 49 | 21 | 37.5  |

### Polymer Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3097 - Rubber Technology Lab                       | 37 | 34 | 32 | 86.49 |
| 2 | 3098 - Polymer Analysis Lab                        | 37 | 31 | 30 | 81.08 |
| 3 | 3099 - Compound Design Lab                         | 37 | 34 | 25 | 67.57 |
| 4 | 3091 - Natural Rubber Production                   | 37 | 32 | 24 | 64.86 |
| 5 | 3094 - Technology of Elastomers                    | 37 | 36 | 22 | 59.46 |
| 6 | 3092 - Polymer Science                             | 37 | 32 | 21 | 56.76 |
| 7 | 3001 - Environmental Science & Disaster Management | 37 | 32 | 16 | 43.24 |
| 8 | 3093 - Synthetic Rubbers                           | 37 | 34 | 12 | 32.43 |

### Architecture

|   |                                |    |    |    |       |
|---|--------------------------------|----|----|----|-------|
| 1 | 3183 - Architectural Drawing I | 44 | 40 | 35 | 79.55 |
| 2 | 3181 - Climatography           | 44 | 42 | 33 | 75    |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3188 - Survey Practical                            | 44 | 33 | 32 | 72.73 |
| 4 | 3001 - Environmental Science & Disaster Management | 44 | 41 | 32 | 72.73 |
| 5 | 3189 - Model Making Workshop & Masonry Lab         | 44 | 34 | 28 | 63.64 |
| 6 | 3013 - Theory of Structures I                      | 44 | 41 | 25 | 56.82 |
| 7 | 3182 - Surveying for Architecture                  | 44 | 41 | 20 | 45.45 |
| 8 | 3011 - Construction Materials and Engineering      | 44 | 42 | 8  | 18.18 |

### 36 Government Polytechnic College, Cherthala

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3159 - Database and SQL Lab                        | 43 | 42 | 40 | 93.02 |
| 2 | 3001 - Environmental Science & Disaster Management | 43 | 39 | 35 | 81.4  |
| 3 | 3138 - Digital Computer Principles Lab             | 43 | 42 | 32 | 74.42 |
| 4 | 3137 - Objected Oriented Programming Lab           | 43 | 42 | 29 | 67.44 |
| 5 | 3133 - Digital Computer Principles                 | 43 | 41 | 28 | 65.12 |
| 6 | 3131 - Computer Architecture                       | 43 | 41 | 27 | 62.79 |
| 7 | 3134 - Objected Oriented Programming through C++   | 43 | 42 | 20 | 46.51 |
| 8 | 3151 - Data Communication                          | 43 | 42 | 15 | 34.88 |

#### Electronics Production Technology

#### Electronics & Instrumentation

#### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 46 | 45 | 41 | 89.13 |
| 2 | 3042 - Digital Electronics                         | 46 | 45 | 41 | 89.13 |
| 3 | 3049 - Analogue Communication Lab                  | 46 | 45 | 39 | 84.78 |
| 4 | 3048 - Digital Electronics Lab                     | 46 | 45 | 39 | 84.78 |
| 5 | 3047 - Electronics Circuits Lab                    | 46 | 46 | 38 | 82.61 |
| 6 | 3041 - Communication Engineering                   | 46 | 46 | 35 | 76.09 |
| 7 | 3043 - Electrical Technology                       | 46 | 46 | 31 | 67.39 |
| 8 | 3044 - Electronic Devices & Circuits               | 46 | 46 | 21 | 45.65 |

#### Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3218 - Transducers and Measurements Lab            | 53 | 49 | 47 | 88.68 |
| 2 | 3219 - Analog Circuits Lab                         | 53 | 48 | 43 | 81.13 |
| 3 | 3217 - Digital Circuits Lab                        | 53 | 46 | 41 | 77.36 |
| 4 | 3001 - Environmental Science & Disaster Management | 53 | 46 | 40 | 75.47 |
| 5 | 3212 - Digital Circuits                            | 53 | 48 | 36 | 67.92 |
| 6 | 3214 - Instrument Transducers                      | 53 | 49 | 24 | 45.28 |
| 7 | 3213 - Electrical & Electronic Instruments         | 53 | 46 | 16 | 30.19 |
| 8 | 3211 - Analog Circuits                             | 53 | 49 | 16 | 30.19 |

#### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 45 | 44 | 44 | 97.78 |
| 2 | 3028 - Electrical Technology Lab                   | 45 | 44 | 44 | 97.78 |
| 3 | 3029 - Fluid Mechanics Lab                         | 45 | 44 | 43 | 95.56 |
| 4 | 3024 - Machine Drawing                             | 45 | 45 | 40 | 88.89 |
| 5 | 3001 - Environmental Science & Disaster Management | 45 | 42 | 39 | 86.67 |
| 6 | 3023 - Manufacturing Process                       | 45 | 45 | 28 | 62.22 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 45 | 44 | 27 | 60    |
| 8 | 3021 - Electrical & Electronics Engg.              | 45 | 45 | 25 | 55.56 |

### Computer Engineering

|   |  |    |    |    |      |
|---|--|----|----|----|------|
| 1 | 3139 - Database Management System Lab              | 40 | 40 | 39 | 97.5 |
| 2 | 3138 - Digital Computer Principles Lab             | 40 | 40 | 38 | 95   |
| 3 | 3001 - Environmental Science & Disaster Management | 40 | 38 | 37 | 92.5 |
| 4 | 3137 - Objected Oriented Programming Lab           | 40 | 40 | 33 | 82.5 |
| 5 | 3133 - Digital Computer Principles                 | 40 | 40 | 32 | 80   |
| 6 | 3131 - Computer Architecture                       | 40 | 39 | 29 | 72.5 |
| 7 | 3132 - Database Management System                  | 40 | 40 | 29 | 72.5 |
| 8 | 3134 - Objected Oriented Programming through C++   | 40 | 40 | 22 | 55   |

### 37 Government Polytechnic College, Perumbavoor

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 58 | 58 | 58 | 100   |
| 2 | 3028 - Electrical Technology Lab                   | 58 | 58 | 55 | 94.83 |
| 3 | 3001 - Environmental Science & Disaster Management | 58 | 57 | 52 | 89.66 |
| 4 | 3023 - Manufacturing Process                       | 58 | 58 | 49 | 84.48 |
| 5 | 3029 - Fluid Mechanics Lab                         | 58 | 57 | 45 | 77.59 |
| 6 | 3022 - Fluid Mechanics & Pneumatics                | 58 | 58 | 43 | 74.14 |
| 7 | 3024 - Machine Drawing                             | 58 | 58 | 42 | 72.41 |
| 8 | 3021 - Electrical & Electronics Engg.              | 58 | 57 | 41 | 70.69 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 56 | 54 | 52 | 92.86 |
| 2 | 3138 - Digital Computer Principles Lab             | 56 | 54 | 49 | 87.5  |
| 3 | 3001 - Environmental Science & Disaster Management | 56 | 49 | 41 | 73.21 |
| 4 | 3133 - Digital Computer Principles                 | 56 | 54 | 34 | 60.71 |
| 5 | 3132 - Database Management System                  | 56 | 55 | 33 | 58.93 |
| 6 | 3137 - Objected Oriented Programming Lab           | 56 | 53 | 29 | 51.79 |
| 7 | 3131 - Computer Architecture                       | 56 | 52 | 25 | 44.64 |
| 8 | 3134 - Objected Oriented Programming through C++   | 56 | 54 | 23 | 41.07 |

### Electronics & Communication

|   |                                   |    |    |    |    |
|---|-----------------------------------|----|----|----|----|
| 1 | 3049 - Analogue Communication Lab | 50 | 48 | 48 | 96 |
| 2 | 3048 - Digital Electronics Lab    | 50 | 48 | 47 | 94 |

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 3 | 3047 - Electronics Circuits Lab                    | 50 | 47 | 47 | 94 |
| 4 | 3001 - Environmental Science & Disaster Management | 50 | 47 | 43 | 86 |
| 5 | 3042 - Digital Electronics                         | 50 | 49 | 38 | 76 |
| 6 | 3043 - Electrical Technology                       | 50 | 49 | 36 | 72 |
| 7 | 3044 - Electronic Devices & Circuits               | 50 | 49 | 36 | 72 |
| 8 | 3041 - Communication Engineering                   | 50 | 49 | 33 | 66 |

### 38 Government Polytechnic College, Koratty

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Textile Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3067 - Yarn Formation I Practical                  | 49 | 45 | 42 | 85.71 |
| 2 | 3068 - Textile Wet Processing I Practical          | 49 | 38 | 36 | 73.47 |
| 3 | 3069 - Fabric Formation I Practical                | 49 | 31 | 31 | 63.27 |
| 4 | 3061 - Design and Structure of Fabrics             | 49 | 47 | 25 | 51.02 |
| 5 | 3063 - Textile Wet Processing I                    | 49 | 45 | 21 | 42.86 |
| 6 | 3001 - Environmental Science & Disaster Management | 49 | 47 | 21 | 42.86 |
| 7 | 3064 - Yarn Formation I                            | 49 | 46 | 16 | 32.65 |
| 8 | 3062 - Fabric Formation I                          | 49 | 45 | 4  | 8.16  |

#### Polymer Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3097 - Rubber Technology Lab                       | 46 | 41 | 41 | 89.13 |
| 2 | 3099 - Compound Design Lab                         | 46 | 43 | 41 | 89.13 |
| 3 | 3098 - Polymer Analysis Lab                        | 46 | 43 | 26 | 56.52 |
| 4 | 3094 - Technology of Elastomers                    | 46 | 41 | 25 | 54.35 |
| 5 | 3091 - Natural Rubber Production                   | 46 | 43 | 21 | 45.65 |
| 6 | 3001 - Environmental Science & Disaster Management | 46 | 32 | 19 | 41.3  |
| 7 | 3093 - Synthetic Rubbers                           | 46 | 42 | 18 | 39.13 |
| 8 | 3092 - Polymer Science                             | 46 | 44 | 18 | 39.13 |

#### Electronics & Instrumentation

##### Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 57 | 57 | 53 | 92.98 |
| 2 | 3217 - Digital Circuits Lab                        | 57 | 52 | 49 | 85.96 |
| 3 | 3218 - Transducers and Measurements Lab            | 57 | 49 | 41 | 71.93 |
| 4 | 3213 - Electrical & Electronic Instruments         | 57 | 57 | 40 | 70.18 |
| 5 | 3219 - Analog Circuits Lab                         | 57 | 51 | 36 | 63.16 |
| 6 | 3214 - Instrument Transducers                      | 57 | 56 | 33 | 57.89 |
| 7 | 3212 - Digital Circuits                            | 57 | 57 | 27 | 47.37 |
| 8 | 3211 - Analog Circuits                             | 57 | 57 | 24 | 42.11 |

### 39 Government Polytechnic College, Kunnankulam

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|



## Tool & Die Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3118 - Tool Engineering Lab II                     | 56 | 55 | 55 | 98.21 |
| 2 | 3112 - Tool Engineering Drawing                    | 56 | 54 | 52 | 92.86 |
| 3 | 3117 - Workshop Practice III                       | 56 | 52 | 52 | 92.86 |
| 4 | 3119 - Metrology Lab                               | 56 | 56 | 52 | 92.86 |
| 5 | 3001 - Environmental Science & Disaster Management | 56 | 53 | 48 | 85.71 |
| 6 | 3111 - Engineering Metrology                       | 56 | 53 | 39 | 69.64 |
| 7 | 3021 - Electrical & Electronics Engg.              | 56 | 54 | 34 | 60.71 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 56 | 54 | 20 | 35.71 |

## Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 47 | 47 | 41 | 87.23 |
| 2 | 3139 - Database Management System Lab              | 47 | 47 | 38 | 80.85 |
| 3 | 3137 - Objected Oriented Programming Lab           | 47 | 47 | 37 | 78.72 |
| 4 | 3138 - Digital Computer Principles Lab             | 47 | 47 | 35 | 74.47 |
| 5 | 3134 - Objected Oriented Programming through C++   | 47 | 47 | 34 | 72.34 |
| 6 | 3131 - Computer Architecture                       | 47 | 47 | 34 | 72.34 |
| 7 | 3132 - Database Management System                  | 47 | 46 | 34 | 72.34 |
| 8 | 3133 - Digital Computer Principles                 | 47 | 47 | 30 | 63.83 |

## Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 53 | 52 | 45 | 84.91 |
| 2 | 3049 - Analogue Communication Lab                  | 53 | 48 | 41 | 77.36 |
| 3 | 3042 - Digital Electronics                         | 53 | 52 | 38 | 71.7  |
| 4 | 3048 - Digital Electronics Lab                     | 53 | 49 | 38 | 71.7  |
| 5 | 3047 - Electronics Circuits Lab                    | 53 | 51 | 35 | 66.04 |
| 6 | 3041 - Communication Engineering                   | 53 | 52 | 30 | 56.6  |
| 7 | 3043 - Electrical Technology                       | 53 | 53 | 27 | 50.94 |
| 8 | 3044 - Electronic Devices & Circuits               | 53 | 53 | 25 | 47.17 |

## 40 AKNSM Government Polytechnic College, Thirurangadi

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

## Electronics

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3047 - Electronics Circuits Lab                    | 50 | 49 | 39 | 78 |
| 2 | 3001 - Environmental Science & Disaster Management | 50 | 47 | 39 | 78 |
| 3 | 3042 - Digital Electronics                         | 50 | 50 | 39 | 78 |
| 4 | 3048 - Digital Electronics Lab                     | 50 | 47 | 39 | 78 |
| 5 | 3049 - Analogue Communication Lab                  | 50 | 50 | 37 | 74 |
| 6 | 3044 - Electronic Devices & Circuits               | 50 | 50 | 27 | 54 |
| 7 | 3043 - Electrical Technology                       | 50 | 49 | 24 | 48 |
| 8 | 3041 - Communication Engineering                   | 50 | 49 | 22 | 44 |

## Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 52 | 51 | 50 | 96.15 |
| 2 | 3138 - Digital Computer Principles Lab             | 52 | 51 | 49 | 94.23 |
| 3 | 3133 - Digital Computer Principles                 | 52 | 51 | 48 | 92.31 |
| 4 | 3001 - Environmental Science & Disaster Management | 52 | 51 | 47 | 90.38 |
| 5 | 3137 - Objected Oriented Programming Lab           | 52 | 51 | 45 | 86.54 |
| 6 | 3132 - Database Management System                  | 52 | 51 | 43 | 82.69 |
| 7 | 3131 - Computer Architecture                       | 52 | 51 | 40 | 76.92 |
| 8 | 3134 - Objected Oriented Programming through C++   | 52 | 51 | 37 | 71.15 |

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 48 | 48 | 45 | 93.75 |
| 2 | 3049 - Analogue Communication Lab                  | 48 | 48 | 44 | 91.67 |
| 3 | 3047 - Electronics Circuits Lab                    | 48 | 48 | 42 | 87.5  |
| 4 | 3048 - Digital Electronics Lab                     | 48 | 47 | 41 | 85.42 |
| 5 | 3042 - Digital Electronics                         | 48 | 48 | 36 | 75    |
| 6 | 3044 - Electronic Devices & Circuits               | 48 | 48 | 33 | 68.75 |
| 7 | 3041 - Communication Engineering                   | 48 | 46 | 30 | 62.5  |
| 8 | 3043 - Electrical Technology                       | 48 | 48 | 24 | 50    |

### 41 Government Polytechnic College, Mattannur

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 57 | 55 | 55 | 96.49 |
| 2 | 3029 - Fluid Mechanics Lab                         | 57 | 55 | 54 | 94.74 |
| 3 | 3024 - Machine Drawing                             | 57 | 57 | 54 | 94.74 |
| 4 | 3028 - Electrical Technology Lab                   | 57 | 55 | 49 | 85.96 |
| 5 | 3001 - Environmental Science & Disaster Management | 57 | 54 | 46 | 80.7  |
| 6 | 3023 - Manufacturing Process                       | 57 | 57 | 40 | 70.18 |
| 7 | 3021 - Electrical & Electronics Engg.              | 57 | 57 | 33 | 57.89 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 57 | 57 | 26 | 45.61 |

### Electronics

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3001 - Environmental Science & Disaster Management | 50 | 50 | 44 | 88 |
| 2 | 3047 - Electronics Circuits Lab                    | 50 | 47 | 44 | 88 |
| 3 | 3048 - Digital Electronics Lab                     | 50 | 47 | 42 | 84 |
| 4 | 3049 - Analogue Communication Lab                  | 50 | 49 | 41 | 82 |
| 5 | 3042 - Digital Electronics                         | 50 | 50 | 36 | 72 |
| 6 | 3043 - Electrical Technology                       | 50 | 50 | 34 | 68 |
| 7 | 3044 - Electronic Devices & Circuits               | 50 | 50 | 34 | 68 |
| 8 | 3041 - Communication Engineering                   | 50 | 49 | 28 | 56 |

### Electronics & Instrumentation

### Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 58 | 58 | 54 | 93.1  |
| 2 | 3219 - Analog Circuits Lab                         | 58 | 55 | 52 | 89.66 |
| 3 | 3218 - Transducers and Measurements Lab            | 58 | 57 | 49 | 84.48 |
| 4 | 3213 - Electrical & Electronic Instruments         | 58 | 58 | 49 | 84.48 |
| 5 | 3217 - Digital Circuits Lab                        | 58 | 54 | 47 | 81.03 |
| 6 | 3214 - Instrument Transducers                      | 58 | 58 | 44 | 75.86 |
| 7 | 3212 - Digital Circuits                            | 58 | 56 | 44 | 75.86 |
| 8 | 3211 - Analog Circuits                             | 58 | 58 | 40 | 68.97 |

#### 42 Model Polytechnic College, Mattakkara

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 49 | 35 | 30 | 61.22 |
| 2 | 3159 - Database and SQL Lab                        | 49 | 33 | 28 | 57.14 |
| 3 | 3137 - Objected Oriented Programming Lab           | 49 | 31 | 21 | 42.86 |
| 4 | 3001 - Environmental Science & Disaster Management | 49 | 35 | 18 | 36.73 |
| 5 | 3131 - Computer Architecture                       | 49 | 37 | 16 | 32.65 |
| 6 | 3133 - Digital Computer Principles                 | 49 | 36 | 15 | 30.61 |
| 7 | 3151 - Data Communication                          | 49 | 37 | 8  | 16.33 |
| 8 | 3134 - Objected Oriented Programming through C++   | 49 | 36 | 6  | 12.24 |

#### Applied Electronics

#### Telecommunication Technology

#### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 34 | 34 | 24 | 70.59 |
| 2 | 3047 - Electronics Circuits Lab                    | 34 | 34 | 24 | 70.59 |
| 3 | 3048 - Digital Electronics Lab                     | 34 | 34 | 21 | 61.76 |
| 4 | 3001 - Environmental Science & Disaster Management | 34 | 34 | 9  | 26.47 |
| 5 | 3042 - Digital Electronics                         | 34 | 34 | 8  | 23.53 |
| 6 | 3041 - Communication Engineering                   | 34 | 33 | 3  | 8.82  |
| 7 | 3043 - Electrical Technology                       | 34 | 34 | 2  | 5.88  |
| 8 | 3044 - Electronic Devices & Circuits               | 34 | 34 | 2  | 5.88  |

#### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 41 | 41 | 34 | 82.93 |
| 2 | 3047 - Electronics Circuits Lab                    | 41 | 41 | 31 | 75.61 |
| 3 | 3048 - Digital Electronics Lab                     | 41 | 40 | 29 | 70.73 |
| 4 | 3001 - Environmental Science & Disaster Management | 41 | 40 | 21 | 51.22 |
| 5 | 3044 - Electronic Devices & Circuits               | 41 | 40 | 10 | 24.39 |
| 6 | 3042 - Digital Electronics                         | 41 | 41 | 10 | 24.39 |
| 7 | 3041 - Communication Engineering                   | 41 | 40 | 8  | 19.51 |
| 8 | 3043 - Electrical Technology                       | 41 | 41 | 7  | 17.07 |

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

|                                      | Subject  | Registered | Appeared | Passed | Pass % |
|--------------------------------------|--|------------|----------|--------|--------|
| <b>Electronics</b>                   |  |            |          |        |        |
| 1                                    | 3001 - Environmental Science & Disaster Management | 54         | 53       | 41     | 75.93  |
| 2                                    | 3048 - Digital Electronics Lab                     | 54         | 49       | 40     | 74.07  |
| 3                                    | 3047 - Electronics Circuits Lab                    | 54         | 48       | 32     | 59.26  |
| 4                                    | 3049 - Analogue Communication Lab                  | 54         | 48       | 28     | 51.85  |
| 5                                    | 3041 - Communication Engineering                   | 54         | 52       | 28     | 51.85  |
| 6                                    | 3042 - Digital Electronics                         | 54         | 53       | 27     | 50     |
| 7                                    | 3044 - Electronic Devices & Circuits               | 54         | 51       | 26     | 48.15  |
| 8                                    | 3043 - Electrical Technology                       | 54         | 50       | 18     | 33.33  |
| <b>Automobile Engineering</b>        |  |            |          |        |        |
| 1                                    | 3058 - Petrol Engine Service Lab                   | 56         | 51       | 51     | 91.07  |
| 2                                    | 3057 - Manufacturing Lab I                         | 56         | 51       | 45     | 80.36  |
| 3                                    | 3001 - Environmental Science & Disaster Management | 56         | 51       | 30     | 53.57  |
| 4                                    | 3059 - Hydraulics Lab                              | 56         | 47       | 29     | 51.79  |
| 5                                    | 3024 - Machine Drawing                             | 56         | 53       | 28     | 50     |
| 6                                    | 3052 - Production Process of Automobile Components | 56         | 52       | 18     | 32.14  |
| 7                                    | 3021 - Electrical & Electronics Engg.              | 56         | 54       | 9      | 16.07  |
| 8                                    | 3051 - Fluid Mechanics & Machinery                 | 56         | 52       | 3      | 5.36   |
| <b>Computer Engineering</b>          |  |            |          |        |        |
| 1                                    | 3139 - Database Management System Lab              | 53         | 51       | 49     | 92.45  |
| 2                                    | 3138 - Digital Computer Principles Lab             | 53         | 49       | 48     | 90.57  |
| 3                                    | 3137 - Objected Oriented Programming Lab           | 53         | 51       | 47     | 88.68  |
| 4                                    | 3131 - Computer Architecture                       | 53         | 51       | 44     | 83.02  |
| 5                                    | 3001 - Environmental Science & Disaster Management | 53         | 51       | 42     | 79.25  |
| 6                                    | 3132 - Database Management System                  | 53         | 50       | 42     | 79.25  |
| 7                                    | 3134 - Objected Oriented Programming through C++   | 53         | 51       | 37     | 69.81  |
| 8                                    | 3133 - Digital Computer Principles                 | 53         | 51       | 33     | 62.26  |
| <b>Computer Hardware Maintenance</b> |  |            |          |        |        |
| 1                                    | 3137 - Objected Oriented Programming Lab           | 37         | 30       | 30     | 81.08  |
| 2                                    | 3131 - Computer Architecture                       | 37         | 36       | 26     | 70.27  |
| 3                                    | 3159 - Database and SQL Lab                        | 37         | 33       | 25     | 67.57  |
| 4                                    | 3133 - Digital Computer Principles                 | 37         | 35       | 20     | 54.05  |
| 5                                    | 3001 - Environmental Science & Disaster Management | 37         | 33       | 20     | 54.05  |
| 6                                    | 3134 - Objected Oriented Programming through C++   | 37         | 35       | 17     | 45.95  |
| 7                                    | 3138 - Digital Computer Principles Lab             | 37         | 30       | 16     | 43.24  |
| 8                                    | 3151 - Data Communication                          | 37         | 34       | 14     | 37.84  |
| <b>Architecture</b>                  |  |            |          |        |        |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3189 - Model Making Workshop & Masonry Lab         | 57 | 57 | 57 | 100   |
| 2 | 3183 - Architectural Drawing I                     | 57 | 53 | 51 | 89.47 |
| 3 | 3182 - Surveying for Architecture                  | 57 | 57 | 47 | 82.46 |
| 4 | 3188 - Survey Practical                            | 57 | 53 | 45 | 78.95 |
| 5 | 3181 - Climatography                               | 57 | 57 | 44 | 77.19 |
| 6 | 3001 - Environmental Science & Disaster Management | 57 | 56 | 43 | 75.44 |
| 7 | 3013 - Theory of Structures I                      | 57 | 55 | 28 | 49.12 |
| 8 | 3011 - Construction Materials and Engineering      | 57 | 57 | 27 | 47.37 |

### Quantity Surveying & Construction Management

#### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 56 | 51 | 45 | 80.36 |
| 2 | 3029 - Fluid Mechanics Lab                         | 56 | 51 | 45 | 80.36 |
| 3 | 3024 - Machine Drawing                             | 56 | 52 | 43 | 76.79 |
| 4 | 3028 - Electrical Technology Lab                   | 56 | 51 | 42 | 75    |
| 5 | 3001 - Environmental Science & Disaster Management | 56 | 50 | 41 | 73.21 |
| 6 | 3021 - Electrical & Electronics Engg.              | 56 | 51 | 25 | 44.64 |
| 7 | 3023 - Manufacturing Process                       | 56 | 52 | 24 | 42.86 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 56 | 51 | 23 | 41.07 |

#### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 58 | 53 | 53 | 91.38 |
| 2 | 3039 - Electrical Measurements Lab                 | 58 | 53 | 46 | 79.31 |
| 3 | 3001 - Environmental Science & Disaster Management | 58 | 55 | 39 | 67.24 |
| 4 | 3033 - Fundamentals of AC Systems                  | 58 | 53 | 36 | 62.07 |
| 5 | 3032 - Electrical Measuring Instruments            | 58 | 55 | 33 | 56.9  |
| 6 | 3038 - Mechanical Engineering Lab                  | 58 | 53 | 31 | 53.45 |
| 7 | 3031 - Analog Devices & Circuits                   | 58 | 55 | 24 | 41.38 |
| 8 | 3034 - Mechanical Engineering                      | 58 | 52 | 24 | 41.38 |

#### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 59 | 58 | 56 | 94.92 |
| 2 | 3017 - Survey Practical II                         | 59 | 59 | 55 | 93.22 |
| 3 | 3018 - Concrete Lab                                | 59 | 59 | 55 | 93.22 |
| 4 | 3014 - Building Planning & Drawing                 | 59 | 58 | 52 | 88.14 |
| 5 | 3011 - Construction Materials and Engineering      | 59 | 59 | 52 | 88.14 |
| 6 | 3001 - Environmental Science & Disaster Management | 59 | 59 | 48 | 81.36 |
| 7 | 3013 - Theory of Structures I                      | 59 | 59 | 43 | 72.88 |
| 8 | 3012 - Surveying II                                | 59 | 56 | 31 | 52.54 |

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

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3137 - Objected Oriented Programming Lab           | 54 | 52 | 40 | 74.07 |
| 2 | 3138 - Digital Computer Principles Lab             | 54 | 54 | 39 | 72.22 |
| 3 | 3159 - Database and SQL Lab                        | 54 | 53 | 36 | 66.67 |
| 4 | 3001 - Environmental Science & Disaster Management | 54 | 51 | 30 | 55.56 |
| 5 | 3133 - Digital Computer Principles                 | 54 | 53 | 27 | 50    |
| 6 | 3131 - Computer Architecture                       | 54 | 54 | 24 | 44.44 |
| 7 | 3151 - Data Communication                          | 54 | 54 | 11 | 20.37 |
| 8 | 3134 - Objected Oriented Programming through C++   | 54 | 53 | 5  | 9.26  |

### Medical Electronics

### Telecommunication Technology

### Bio-Medical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3249 - PCB & Spice Lab                             | 63 | 63 | 62 | 98.41 |
| 2 | 3047 - Electronics Circuits Lab                    | 63 | 62 | 61 | 96.83 |
| 3 | 3048 - Digital Electronics Lab                     | 63 | 62 | 54 | 85.71 |
| 4 | 3001 - Environmental Science & Disaster Management | 63 | 63 | 52 | 82.54 |
| 5 | 3043 - Electrical Technology                       | 63 | 63 | 49 | 77.78 |
| 6 | 3241 - Basic Medical Science                       | 63 | 63 | 49 | 77.78 |
| 7 | 3042 - Digital Electronics                         | 63 | 63 | 39 | 61.9  |
| 8 | 3044 - Electronic Devices & Circuits               | 63 | 63 | 30 | 47.62 |

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 57 | 54 | 48 | 84.21 |
| 2 | 3048 - Digital Electronics Lab                     | 57 | 53 | 45 | 78.95 |
| 3 | 3001 - Environmental Science & Disaster Management | 57 | 56 | 37 | 64.91 |
| 4 | 3042 - Digital Electronics                         | 57 | 57 | 36 | 63.16 |
| 5 | 3049 - Analogue Communication Lab                  | 57 | 47 | 35 | 61.4  |
| 6 | 3043 - Electrical Technology                       | 57 | 56 | 33 | 57.89 |
| 7 | 3044 - Electronic Devices & Circuits               | 57 | 57 | 22 | 38.6  |
| 8 | 3041 - Communication Engineering                   | 57 | 55 | 18 | 31.58 |

### 45 Model Polytechnic College, Painavu

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3159 - Database and SQL Lab                        | 12 | 11 | 11 | 91.67 |
| 2 | 3001 - Environmental Science & Disaster Management | 12 | 11 | 10 | 83.33 |
| 3 | 3138 - Digital Computer Principles Lab             | 12 | 11 | 9  | 75    |
| 4 | 3133 - Digital Computer Principles                 | 12 | 11 | 9  | 75    |
| 5 | 3131 - Computer Architecture                       | 12 | 11 | 7  | 58.33 |
| 6 | 3137 - Objected Oriented Programming Lab           | 12 | 11 | 7  | 58.33 |
| 7 | 3134 - Objected Oriented Programming through C++   | 12 | 11 | 3  | 25    |
| 8 | 3151 - Data Communication                          | 12 | 11 | 1  | 8.33  |

## Medical Electronics

## Telecommunication Technology

## Bio-Medical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3249 - PCB & Spice Lab                             | 53 | 47 | 45 | 84.91 |
| 2 | 3048 - Digital Electronics Lab                     | 53 | 44 | 30 | 56.6  |
| 3 | 3047 - Electronics Circuits Lab                    | 53 | 47 | 23 | 43.4  |
| 4 | 3001 - Environmental Science & Disaster Management | 53 | 47 | 23 | 43.4  |
| 5 | 3241 - Basic Medical Science                       | 53 | 47 | 18 | 33.96 |
| 6 | 3042 - Digital Electronics                         | 53 | 48 | 18 | 33.96 |
| 7 | 3043 - Electrical Technology                       | 53 | 45 | 13 | 24.53 |
| 8 | 3044 - Electronic Devices & Circuits               | 53 | 47 | 5  | 9.43  |

## Electronics & Communication

|   |  |    |    |   |       |
|---|--|----|----|---|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 17 | 17 | 8 | 47.06 |
| 2 | 3048 - Digital Electronics Lab                     | 17 | 10 | 8 | 47.06 |
| 3 | 3049 - Analogue Communication Lab                  | 17 | 8  | 8 | 47.06 |
| 4 | 3047 - Electronics Circuits Lab                    | 17 | 6  | 6 | 35.29 |
| 5 | 3043 - Electrical Technology                       | 17 | 16 | 4 | 23.53 |
| 6 | 3042 - Digital Electronics                         | 17 | 15 | 3 | 17.65 |
| 7 | 3041 - Communication Engineering                   | 17 | 14 | 1 | 5.88  |
| 8 | 3044 - Electronic Devices & Circuits               | 17 | 15 | 1 | 5.88  |

## 46 Model Polytechnic College, Karunagappally

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

## Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 42 | 38 | 34 | 80.95 |
| 2 | 3137 - Objected Oriented Programming Lab           | 42 | 38 | 31 | 73.81 |
| 3 | 3159 - Database and SQL Lab                        | 42 | 41 | 31 | 73.81 |
| 4 | 3133 - Digital Computer Principles                 | 42 | 38 | 20 | 47.62 |
| 5 | 3131 - Computer Architecture                       | 42 | 35 | 18 | 42.86 |
| 6 | 3001 - Environmental Science & Disaster Management | 42 | 38 | 16 | 38.1  |
| 7 | 3151 - Data Communication                          | 42 | 37 | 8  | 19.05 |
| 8 | 3134 - Objected Oriented Programming through C++   | 42 | 37 | 7  | 16.67 |

## Applied Electronics

## Telecommunication Technology

## Electronics & Communication

|   |                                   |    |    |    |       |
|---|-----------------------------------|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab | 39 | 29 | 29 | 74.36 |
| 2 | 3048 - Digital Electronics Lab    | 39 | 30 | 28 | 71.79 |
| 3 | 3047 - Electronics Circuits Lab   | 39 | 31 | 28 | 71.79 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 4 | 3042 - Digital Electronics                         | 39 | 23 | 15 | 38.46 |
| 5 | 3041 - Communication Engineering                   | 39 | 28 | 14 | 35.9  |
| 6 | 3044 - Electronic Devices & Circuits               | 39 | 29 | 14 | 35.9  |
| 7 | 3001 - Environmental Science & Disaster Management | 39 | 22 | 12 | 30.77 |
| 8 | 3043 - Electrical Technology                       | 39 | 28 | 7  | 17.95 |

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 51 | 35 | 35 | 68.63 |
| 2 | 3048 - Digital Electronics Lab                     | 51 | 37 | 33 | 64.71 |
| 3 | 3047 - Electronics Circuits Lab                    | 51 | 37 | 32 | 62.75 |
| 4 | 3044 - Electronic Devices & Circuits               | 51 | 32 | 19 | 37.25 |
| 5 | 3041 - Communication Engineering                   | 51 | 35 | 19 | 37.25 |
| 6 | 3042 - Digital Electronics                         | 51 | 27 | 14 | 27.45 |
| 7 | 3001 - Environmental Science & Disaster Management | 51 | 17 | 11 | 21.57 |
| 8 | 3043 - Electrical Technology                       | 51 | 29 | 9  | 17.65 |

### 47 Government Polytechnic College, Thrikkariapur

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 37 | 36 | 36 | 97.3  |
| 2 | 3047 - Electronics Circuits Lab                    | 37 | 35 | 35 | 94.59 |
| 3 | 3048 - Digital Electronics Lab                     | 37 | 33 | 28 | 75.68 |
| 4 | 3001 - Environmental Science & Disaster Management | 37 | 37 | 23 | 62.16 |
| 5 | 3042 - Digital Electronics                         | 37 | 36 | 22 | 59.46 |
| 6 | 3041 - Communication Engineering                   | 37 | 36 | 13 | 35.14 |
| 7 | 3044 - Electronic Devices & Circuits               | 37 | 37 | 11 | 29.73 |
| 8 | 3043 - Electrical Technology                       | 37 | 36 | 7  | 18.92 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 48 | 46 | 44 | 91.67 |
| 2 | 3138 - Digital Computer Principles Lab             | 48 | 43 | 43 | 89.58 |
| 3 | 3001 - Environmental Science & Disaster Management | 48 | 45 | 39 | 81.25 |
| 4 | 3133 - Digital Computer Principles                 | 48 | 48 | 33 | 68.75 |
| 5 | 3132 - Database Management System                  | 48 | 47 | 33 | 68.75 |
| 6 | 3131 - Computer Architecture                       | 48 | 45 | 28 | 58.33 |
| 7 | 3137 - Objected Oriented Programming Lab           | 48 | 43 | 25 | 52.08 |
| 8 | 3134 - Objected Oriented Programming through C++   | 48 | 45 | 22 | 45.83 |

### Computer Application & Business Management

|   |   |    |    |    |       |
|---|---|----|----|----|-------|
| 1 | 3259 - Basics of Computer Hardware & Networking | 32 | 31 | 31 | 96.88 |
| 2 | 3143 - Mercantile Law                           | 32 | 32 | 31 | 96.88 |
| 3 | 3258 - Office Automation Software               | 32 | 31 | 31 | 96.88 |
| 4 | 3252 - Marketing Management                     | 32 | 32 | 27 | 84.38 |
| 5 | 3251 - Entrepreneurship Development             | 32 | 32 | 21 | 65.63 |



|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 6 | 3001 - Environmental Science & Disaster Management | 32 | 32 | 20 | 62.5  |
| 7 | 3253 - Quantitative Techniques                     | 32 | 32 | 14 | 43.75 |

### Bio-Medical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 49 | 44 | 43 | 87.76 |
| 2 | 3249 - PCB & Spice Lab                             | 49 | 47 | 43 | 87.76 |
| 3 | 3241 - Basic Medical Science                       | 49 | 48 | 38 | 77.55 |
| 4 | 3001 - Environmental Science & Disaster Management | 49 | 48 | 38 | 77.55 |
| 5 | 3048 - Digital Electronics Lab                     | 49 | 46 | 33 | 67.35 |
| 6 | 3042 - Digital Electronics                         | 49 | 48 | 33 | 67.35 |
| 7 | 3044 - Electronic Devices & Circuits               | 49 | 48 | 23 | 46.94 |
| 8 | 3043 - Electrical Technology                       | 49 | 48 | 15 | 30.61 |

### 48 Government Polytechnic College, Vandiperiyar

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 31 | 30 | 29 | 93.55 |
| 2 | 3049 - Analogue Communication Lab                  | 31 | 31 | 29 | 93.55 |
| 3 | 3048 - Digital Electronics Lab                     | 31 | 29 | 27 | 87.1  |
| 4 | 3001 - Environmental Science & Disaster Management | 31 | 29 | 9  | 29.03 |
| 5 | 3043 - Electrical Technology                       | 31 | 29 | 4  | 12.9  |
| 6 | 3041 - Communication Engineering                   | 31 | 30 | 4  | 12.9  |
| 7 | 3044 - Electronic Devices & Circuits               | 31 | 30 | 3  | 9.68  |
| 8 | 3042 - Digital Electronics                         | 31 | 29 | 2  | 6.45  |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 27 | 25 | 23 | 85.19 |
| 2 | 3131 - Computer Architecture                       | 27 | 25 | 18 | 66.67 |
| 3 | 3139 - Database Management System Lab              | 27 | 24 | 17 | 62.96 |
| 4 | 3132 - Database Management System                  | 27 | 26 | 16 | 59.26 |
| 5 | 3137 - Objected Oriented Programming Lab           | 27 | 26 | 15 | 55.56 |
| 6 | 3001 - Environmental Science & Disaster Management | 27 | 26 | 14 | 51.85 |
| 7 | 3133 - Digital Computer Principles                 | 27 | 27 | 11 | 40.74 |
| 8 | 3134 - Objected Oriented Programming through C++   | 27 | 24 | 8  | 29.63 |

### Computer Application & Business Management

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3258 - Office Automation Software                  | 33 | 32 | 32 | 96.97 |
| 2 | 3259 - Basics of Computer Hardware & Networking    | 33 | 32 | 30 | 90.91 |
| 3 | 3001 - Environmental Science & Disaster Management | 33 | 32 | 18 | 54.55 |
| 4 | 3143 - Mercantile Law                              | 33 | 32 | 17 | 51.52 |
| 5 | 3251 - Entrepreneurship Development                | 33 | 32 | 13 | 39.39 |
| 6 | 3253 - Quantitative Techniques                     | 33 | 32 | 12 | 36.36 |
| 7 | 3252 - Marketing Management                        | 33 | 32 | 11 | 33.33 |

**49 Government Polytechnic College, Vechoochira**

|                    | Subject  | Registered | Appeared | Passed | Pass % |
|--------------------|--|------------|----------|--------|--------|
| <b>Electronics</b> |  |            |          |        |        |
| 1                  | 3048 - Digital Electronics Lab                     | 50         | 45       | 41     | 82     |
| 2                  | 3047 - Electronics Circuits Lab                    | 50         | 43       | 40     | 80     |
| 3                  | 3049 - Analogue Communication Lab                  | 50         | 42       | 37     | 74     |
| 4                  | 3042 - Digital Electronics                         | 50         | 46       | 19     | 38     |
| 5                  | 3001 - Environmental Science & Disaster Management | 50         | 44       | 16     | 32     |
| 6                  | 3041 - Communication Engineering                   | 50         | 42       | 4      | 8      |
| 7                  | 3044 - Electronic Devices & Circuits               | 50         | 26       | 4      | 8      |
| 8                  | 3043 - Electrical Technology                       | 50         | 45       | 2      | 4      |

**Computer Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3137 - Objected Oriented Programming Lab           | 41 | 36 | 27 | 65.85 |
| 2 | 3001 - Environmental Science & Disaster Management | 41 | 39 | 22 | 53.66 |
| 3 | 3138 - Digital Computer Principles Lab             | 41 | 35 | 19 | 46.34 |
| 4 | 3139 - Database Management System Lab              | 41 | 24 | 18 | 43.9  |
| 5 | 3132 - Database Management System                  | 41 | 40 | 13 | 31.71 |
| 6 | 3131 - Computer Architecture                       | 41 | 40 | 12 | 29.27 |
| 7 | 3134 - Objected Oriented Programming through C++   | 41 | 39 | 4  | 9.76  |
| 8 | 3133 - Digital Computer Principles                 | 41 | 10 | 0  | 0     |

**Bio-Medical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3249 - PCB & Spice Lab                             | 53 | 49 | 46 | 86.79 |
| 2 | 3047 - Electronics Circuits Lab                    | 53 | 47 | 43 | 81.13 |
| 3 | 3001 - Environmental Science & Disaster Management | 53 | 52 | 38 | 71.7  |
| 4 | 3048 - Digital Electronics Lab                     | 53 | 40 | 35 | 66.04 |
| 5 | 3042 - Digital Electronics                         | 53 | 51 | 34 | 64.15 |
| 6 | 3241 - Basic Medical Science                       | 53 | 51 | 26 | 49.06 |
| 7 | 3044 - Electronic Devices & Circuits               | 53 | 46 | 23 | 43.4  |
| 8 | 3043 - Electrical Technology                       | 53 | 51 | 16 | 30.19 |

**50 Government Polytechnic College, Punalur**

|                    | Subject  | Registered | Appeared | Passed | Pass % |
|--------------------|--|------------|----------|--------|--------|
| <b>Electronics</b> |  |            |          |        |        |
| 1                  | 3048 - Digital Electronics Lab                     | 57         | 48       | 43     | 75.44  |
| 2                  | 3047 - Electronics Circuits Lab                    | 57         | 46       | 38     | 66.67  |
| 3                  | 3049 - Analogue Communication Lab                  | 57         | 51       | 35     | 61.4   |
| 4                  | 3001 - Environmental Science & Disaster Management | 57         | 53       | 32     | 56.14  |
| 5                  | 3044 - Electronic Devices & Circuits               | 57         | 53       | 19     | 33.33  |
| 6                  | 3042 - Digital Electronics                         | 57         | 52       | 17     | 29.82  |
| 7                  | 3043 - Electrical Technology                       | 57         | 53       | 16     | 28.07  |

|   |                                  |    |    |    |       |
|---|----------------------------------|----|----|----|-------|
| 8 | 3041 - Communication Engineering | 57 | 52 | 13 | 22.81 |
|---|----------------------------------|----|----|----|-------|

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 52 | 45 | 41 | 78.85 |
| 2 | 3137 - Objected Oriented Programming Lab           | 52 | 44 | 38 | 73.08 |
| 3 | 3138 - Digital Computer Principles Lab             | 52 | 41 | 36 | 69.23 |
| 4 | 3001 - Environmental Science & Disaster Management | 52 | 51 | 29 | 55.77 |
| 5 | 3132 - Database Management System                  | 52 | 51 | 25 | 48.08 |
| 6 | 3134 - Objected Oriented Programming through C++   | 52 | 51 | 22 | 42.31 |
| 7 | 3131 - Computer Architecture                       | 52 | 47 | 20 | 38.46 |
| 8 | 3133 - Digital Computer Principles                 | 52 | 50 | 16 | 30.77 |

### Computer Application & Business Management

|   |  |   |   |   |   |
|---|--|---|---|---|---|
| 1 | 3258 - Office Automation Software                  | 0 | 0 | 0 | 0 |
| 2 | 3259 - Basics of Computer Hardware & Networking    | 0 | 0 | 0 | 0 |
| 3 | 3253 - Quantitative Techniques                     | 0 | 0 | 0 | 0 |
| 4 | 3252 - Marketing Management                        | 0 | 0 | 0 | 0 |
| 5 | 3143 - Mercantile Law                              | 0 | 0 | 0 | 0 |
| 6 | 3251 - Entrepreneurship Development                | 0 | 0 | 0 | 0 |
| 7 | 3001 - Environmental Science & Disaster Management | 0 | 0 | 0 | 0 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3039 - Electrical Measurements Lab                 | 52 | 48 | 38 | 73.08 |
| 2 | 3037 - Electrical Workshop Practice                | 52 | 49 | 37 | 71.15 |
| 3 | 3038 - Mechanical Engineering Lab                  | 52 | 45 | 37 | 71.15 |
| 4 | 3001 - Environmental Science & Disaster Management | 52 | 50 | 32 | 61.54 |
| 5 | 3033 - Fundamentals of AC Systems                  | 52 | 51 | 20 | 38.46 |
| 6 | 3031 - Analog Devices & Circuits                   | 52 | 51 | 20 | 38.46 |
| 7 | 3032 - Electrical Measuring Instruments            | 52 | 50 | 20 | 38.46 |
| 8 | 3034 - Mechanical Engineering                      | 52 | 51 | 19 | 36.54 |

### 51 Government Polytechnic College, Mepadi

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 29 | 26 | 21 | 72.41 |
| 2 | 3047 - Electronics Circuits Lab                    | 29 | 23 | 18 | 62.07 |
| 3 | 3048 - Digital Electronics Lab                     | 29 | 19 | 17 | 58.62 |
| 4 | 3001 - Environmental Science & Disaster Management | 29 | 23 | 16 | 55.17 |
| 5 | 3042 - Digital Electronics                         | 29 | 28 | 11 | 37.93 |
| 6 | 3041 - Communication Engineering                   | 29 | 29 | 10 | 34.48 |
| 7 | 3043 - Electrical Technology                       | 29 | 27 | 5  | 17.24 |
| 8 | 3044 - Electronic Devices & Circuits               | 29 | 29 | 5  | 17.24 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 30 | 27 | 25 | 83.33 |
| 2 | 3001 - Environmental Science & Disaster Management | 30 | 30 | 23 | 76.67 |
| 3 | 3133 - Digital Computer Principles                 | 30 | 30 | 21 | 70    |
| 4 | 3137 - Objected Oriented Programming Lab           | 30 | 30 | 20 | 66.67 |
| 5 | 3134 - Objected Oriented Programming through C++   | 30 | 30 | 17 | 56.67 |
| 6 | 3131 - Computer Architecture                       | 30 | 30 | 16 | 53.33 |
| 7 | 3139 - Database Management System Lab              | 30 | 27 | 14 | 46.67 |
| 8 | 3132 - Database Management System                  | 30 | 29 | 11 | 36.67 |

### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3159 - Database and SQL Lab                        | 31 | 29 | 25 | 80.65 |
| 2 | 3137 - Objected Oriented Programming Lab           | 31 | 27 | 24 | 77.42 |
| 3 | 3138 - Digital Computer Principles Lab             | 31 | 29 | 22 | 70.97 |
| 4 | 3131 - Computer Architecture                       | 31 | 29 | 18 | 58.06 |
| 5 | 3001 - Environmental Science & Disaster Management | 31 | 27 | 16 | 51.61 |
| 6 | 3133 - Digital Computer Principles                 | 31 | 27 | 13 | 41.94 |
| 7 | 3151 - Data Communication                          | 31 | 30 | 12 | 38.71 |
| 8 | 3134 - Objected Oriented Programming through C++   | 31 | 29 | 10 | 32.26 |

### 52 Government Polytechnic College, Chelakkara

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 49 | 49 | 41 | 83.67 |
| 2 | 3049 - Analogue Communication Lab                  | 49 | 45 | 40 | 81.63 |
| 3 | 3042 - Digital Electronics                         | 49 | 49 | 37 | 75.51 |
| 4 | 3048 - Digital Electronics Lab                     | 49 | 49 | 35 | 71.43 |
| 5 | 3047 - Electronics Circuits Lab                    | 49 | 49 | 29 | 59.18 |
| 6 | 3043 - Electrical Technology                       | 49 | 48 | 27 | 55.1  |
| 7 | 3044 - Electronic Devices & Circuits               | 49 | 49 | 24 | 48.98 |
| 8 | 3041 - Communication Engineering                   | 49 | 49 | 22 | 44.9  |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3132 - Database Management System                  | 55 | 55 | 49 | 89.09 |
| 2 | 3139 - Database Management System Lab              | 55 | 55 | 47 | 85.45 |
| 3 | 3001 - Environmental Science & Disaster Management | 55 | 55 | 47 | 85.45 |
| 4 | 3138 - Digital Computer Principles Lab             | 55 | 55 | 45 | 81.82 |
| 5 | 3134 - Objected Oriented Programming through C++   | 55 | 55 | 45 | 81.82 |
| 6 | 3131 - Computer Architecture                       | 55 | 55 | 45 | 81.82 |
| 7 | 3133 - Digital Computer Principles                 | 55 | 55 | 44 | 80    |
| 8 | 3137 - Objected Oriented Programming Lab           | 55 | 55 | 41 | 74.55 |

### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 53 | 52 | 42 | 79.25 |
| 2 | 3134 - Objected Oriented Programming through C++   | 53 | 53 | 39 | 73.58 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3138 - Digital Computer Principles Lab   | 53 | 51 | 32 | 60.38 |
| 4 | 3151 - Data Communication                | 53 | 53 | 31 | 58.49 |
| 5 | 3133 - Digital Computer Principles       | 53 | 52 | 30 | 56.6  |
| 6 | 3131 - Computer Architecture             | 53 | 53 | 30 | 56.6  |
| 7 | 3159 - Database and SQL Lab              | 53 | 52 | 28 | 52.83 |
| 8 | 3137 - Objected Oriented Programming Lab | 53 | 53 | 28 | 52.83 |

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 42 | 40 | 40 | 95.24 |
| 2 | 3018 - Concrete Lab                                | 42 | 39 | 38 | 90.48 |
| 3 | 3019 - Construction Engg. Lab                      | 42 | 40 | 36 | 85.71 |
| 4 | 3001 - Environmental Science & Disaster Management | 42 | 40 | 35 | 83.33 |
| 5 | 3014 - Building Planning & Drawing                 | 42 | 40 | 34 | 80.95 |
| 6 | 3011 - Construction Materials and Engineering      | 42 | 40 | 33 | 78.57 |
| 7 | 3013 - Theory of Structures I                      | 42 | 40 | 26 | 61.9  |
| 8 | 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 | 3024 - Machine Drawing                             | 47 | 47 | 46 | 97.87 |
| 4 | 3027 - Workshop Practice III                       | 47 | 47 | 46 | 97.87 |
| 5 | 3001 - Environmental Science & Disaster Management | 47 | 46 | 42 | 89.36 |
| 6 | 3021 - Electrical & Electronics Engg.              | 47 | 47 | 40 | 85.11 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 47 | 47 | 40 | 85.11 |
| 8 | 3023 - Manufacturing Process                       | 47 | 47 | 36 | 76.6  |

### 53 Government Polytechnic College, Nedumkandam

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 23 | 23 | 23 | 100   |
| 2 | 3048 - Digital Electronics Lab                     | 23 | 22 | 22 | 95.65 |
| 3 | 3049 - Analogue Communication Lab                  | 23 | 23 | 17 | 73.91 |
| 4 | 3042 - Digital Electronics                         | 23 | 23 | 7  | 30.43 |
| 5 | 3041 - Communication Engineering                   | 23 | 22 | 6  | 26.09 |
| 6 | 3001 - Environmental Science & Disaster Management | 23 | 23 | 6  | 26.09 |
| 7 | 3043 - Electrical Technology                       | 23 | 21 | 5  | 21.74 |
| 8 | 3044 - Electronic Devices & Circuits               | 23 | 23 | 5  | 21.74 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab | 31 | 30 | 22 | 70.97 |
| 2 | 3132 - Database Management System      | 31 | 28 | 14 | 45.16 |
| 3 | 3139 - Database Management System Lab  | 31 | 31 | 14 | 45.16 |
| 4 | 3131 - Computer Architecture           | 31 | 26 | 13 | 41.94 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 5 | 3001 - Environmental Science & Disaster Management | 31 | 23 | 11 | 35.48 |
| 6 | 3134 - Objected Oriented Programming through C++   | 31 | 29 | 10 | 32.26 |
| 7 | 3137 - Objected Oriented Programming Lab           | 31 | 31 | 10 | 32.26 |
| 8 | 3133 - Digital Computer Principles                 | 31 | 28 | 7  | 22.58 |

### Computer Hardware Maintenance

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 24 | 22 | 13 | 54.17 |
| 2 | 3159 - Database and SQL Lab                        | 24 | 23 | 10 | 41.67 |
| 3 | 3001 - Environmental Science & Disaster Management | 24 | 18 | 8  | 33.33 |
| 4 | 3131 - Computer Architecture                       | 24 | 22 | 7  | 29.17 |
| 5 | 3137 - Objected Oriented Programming Lab           | 24 | 23 | 6  | 25    |
| 6 | 3151 - Data Communication                          | 24 | 20 | 5  | 20.83 |
| 7 | 3133 - Digital Computer Principles                 | 24 | 22 | 4  | 16.67 |
| 8 | 3134 - Objected Oriented Programming through C++   | 24 | 23 | 3  | 12.5  |

### 54 Government Polytechnic College, Kaduthuruthi

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 57 | 50 | 39 | 68.42 |
| 2 | 3047 - Electronics Circuits Lab                    | 57 | 50 | 38 | 66.67 |
| 3 | 3048 - Digital Electronics Lab                     | 57 | 48 | 27 | 47.37 |
| 4 | 3001 - Environmental Science & Disaster Management | 57 | 53 | 26 | 45.61 |
| 5 | 3042 - Digital Electronics                         | 57 | 55 | 17 | 29.82 |
| 6 | 3043 - Electrical Technology                       | 57 | 53 | 15 | 26.32 |
| 7 | 3041 - Communication Engineering                   | 57 | 46 | 14 | 24.56 |
| 8 | 3044 - Electronic Devices & Circuits               | 57 | 54 | 5  | 8.77  |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3137 - Objected Oriented Programming Lab           | 57 | 53 | 47 | 82.46 |
| 2 | 3139 - Database Management System Lab              | 57 | 52 | 47 | 82.46 |
| 3 | 3138 - Digital Computer Principles Lab             | 57 | 47 | 44 | 77.19 |
| 4 | 3001 - Environmental Science & Disaster Management | 57 | 53 | 42 | 73.68 |
| 5 | 3132 - Database Management System                  | 57 | 54 | 35 | 61.4  |
| 6 | 3133 - Digital Computer Principles                 | 57 | 55 | 30 | 52.63 |
| 7 | 3131 - Computer Architecture                       | 57 | 53 | 29 | 50.88 |
| 8 | 3134 - Objected Oriented Programming through C++   | 57 | 54 | 29 | 50.88 |

### Computer Hardware Maintenance

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3001 - Environmental Science & Disaster Management | 50 | 49 | 27 | 54 |
| 2 | 3137 - Objected Oriented Programming Lab           | 50 | 46 | 23 | 46 |
| 3 | 3138 - Digital Computer Principles Lab             | 50 | 40 | 22 | 44 |
| 4 | 3131 - Computer Architecture                       | 50 | 49 | 15 | 30 |
| 5 | 3133 - Digital Computer Principles                 | 50 | 49 | 14 | 28 |
| 6 | 3159 - Database and SQL Lab                        | 50 | 40 | 12 | 24 |

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 7 | 3134 - Objected Oriented Programming through C++ | 50 | 49 | 11 | 22 |
| 8 | 3151 - Data Communication                        | 50 | 49 | 4  | 8  |

**55 Government Polytechnic College, Nedumangadu**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Electronics**

|   |  |    |    |    |      |
|---|--|----|----|----|------|
| 1 | 3048 - Digital Electronics Lab                     | 40 | 35 | 33 | 82.5 |
| 2 | 3047 - Electronics Circuits Lab                    | 40 | 34 | 29 | 72.5 |
| 3 | 3001 - Environmental Science & Disaster Management | 40 | 38 | 27 | 67.5 |
| 4 | 3049 - Analogue Communication Lab                  | 40 | 26 | 23 | 57.5 |
| 5 | 3043 - Electrical Technology                       | 40 | 38 | 19 | 47.5 |
| 6 | 3044 - Electronic Devices & Circuits               | 40 | 39 | 17 | 42.5 |
| 7 | 3041 - Communication Engineering                   | 40 | 34 | 16 | 40   |
| 8 | 3042 - Digital Electronics                         | 40 | 40 | 14 | 35   |

**Computer Engineering**

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3001 - Environmental Science & Disaster Management | 50 | 50 | 37 | 74 |
| 2 | 3139 - Database Management System Lab              | 50 | 42 | 37 | 74 |
| 3 | 3138 - Digital Computer Principles Lab             | 50 | 42 | 36 | 72 |
| 4 | 3137 - Objected Oriented Programming Lab           | 50 | 38 | 31 | 62 |
| 5 | 3131 - Computer Architecture                       | 50 | 49 | 31 | 62 |
| 6 | 3134 - Objected Oriented Programming through C++   | 50 | 48 | 28 | 56 |
| 7 | 3133 - Digital Computer Principles                 | 50 | 49 | 27 | 54 |
| 8 | 3132 - Database Management System                  | 50 | 48 | 27 | 54 |

**Computer Hardware Maintenance**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 37 | 32 | 28 | 75.68 |
| 2 | 3001 - Environmental Science & Disaster Management | 37 | 37 | 21 | 56.76 |
| 3 | 3133 - Digital Computer Principles                 | 37 | 37 | 20 | 54.05 |
| 4 | 3159 - Database and SQL Lab                        | 37 | 31 | 18 | 48.65 |
| 5 | 3134 - Objected Oriented Programming through C++   | 37 | 36 | 17 | 45.95 |
| 6 | 3131 - Computer Architecture                       | 37 | 37 | 16 | 43.24 |
| 7 | 3151 - Data Communication                          | 37 | 37 | 12 | 32.43 |
| 8 | 3137 - Objected Oriented Programming Lab           | 37 | 29 | 12 | 32.43 |

**56 Model Polytechnic College, Poonjar**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Computer Hardware Maintenance**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 24 | 24 | 20 | 83.33 |
| 2 | 3001 - Environmental Science & Disaster Management | 24 | 23 | 17 | 70.83 |
| 3 | 3159 - Database and SQL Lab                        | 24 | 22 | 16 | 66.67 |
| 4 | 3137 - Objected Oriented Programming Lab           | 24 | 22 | 14 | 58.33 |
| 5 | 3131 - Computer Architecture                       | 24 | 24 | 9  | 37.5  |

|   |  |    |    |   |       |
|---|--|----|----|---|-------|
| 6 | 3133 - Digital Computer Principles               | 24 | 24 | 7 | 29.17 |
| 7 | 3134 - Objected Oriented Programming through C++ | 24 | 23 | 6 | 25    |
| 8 | 3151 - Data Communication                        | 24 | 23 | 5 | 20.83 |

### Applied Electronics

#### Electronics

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 26 | 25 | 22 | 84.62 |
| 2 | 3001 - Environmental Science & Disaster Management | 26 | 25 | 17 | 65.38 |
| 3 | 3049 - Analogue Communication Lab                  | 26 | 25 | 17 | 65.38 |
| 4 | 3048 - Digital Electronics Lab                     | 26 | 23 | 17 | 65.38 |
| 5 | 3042 - Digital Electronics                         | 26 | 25 | 12 | 46.15 |
| 6 | 3043 - Electrical Technology                       | 26 | 25 | 10 | 38.46 |
| 7 | 3044 - Electronic Devices & Circuits               | 26 | 25 | 7  | 26.92 |
| 8 | 3041 - Communication Engineering                   | 26 | 25 | 4  | 15.38 |

### 57 Government Polytechnic College, Purappuzha

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 49 | 48 | 40 | 81.63 |
| 2 | 3138 - Digital Computer Principles Lab             | 49 | 48 | 36 | 73.47 |
| 3 | 3001 - Environmental Science & Disaster Management | 49 | 45 | 34 | 69.39 |
| 4 | 3133 - Digital Computer Principles                 | 49 | 49 | 34 | 69.39 |
| 5 | 3137 - Objected Oriented Programming Lab           | 49 | 47 | 31 | 63.27 |
| 6 | 3132 - Database Management System                  | 49 | 48 | 29 | 59.18 |
| 7 | 3131 - Computer Architecture                       | 49 | 48 | 25 | 51.02 |
| 8 | 3134 - Objected Oriented Programming through C++   | 49 | 49 | 22 | 44.9  |

#### Information Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3269 - Web Design Lab                              | 27 | 26 | 25 | 92.59 |
| 2 | 3261 - Foundations of Computer Software            | 27 | 26 | 23 | 85.19 |
| 3 | 3001 - Environmental Science & Disaster Management | 27 | 26 | 21 | 77.78 |
| 4 | 3268 - Programming in Java Lab                     | 27 | 25 | 19 | 70.37 |
| 5 | 3139 - Database Management System Lab              | 27 | 26 | 18 | 66.67 |
| 6 | 3263 - Web Design                                  | 27 | 26 | 16 | 59.26 |
| 7 | 3262 - Programming in Java                         | 27 | 26 | 10 | 37.04 |
| 8 | 3132 - Database Management System                  | 27 | 26 | 9  | 33.33 |

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

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

#### Mechanical Engineering

|   |                                  |    |    |    |       |
|---|----------------------------------|----|----|----|-------|
| 1 | 3027 - Workshop Practice III     | 98 | 79 | 78 | 79.59 |
| 2 | 3028 - Electrical Technology Lab | 98 | 71 | 61 | 62.24 |



|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3001 - Environmental Science & Disaster Management | 98 | 92 | 57 | 58.16 |
| 4 | 3029 - Fluid Mechanics Lab                         | 98 | 68 | 52 | 53.06 |
| 5 | 3024 - Machine Drawing                             | 98 | 90 | 43 | 43.88 |
| 6 | 3021 - Electrical & Electronics Engg.              | 98 | 90 | 34 | 34.69 |
| 7 | 3023 - Manufacturing Process                       | 98 | 87 | 29 | 29.59 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 98 | 86 | 27 | 27.55 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 61 | 41 | 36 | 59.02 |
| 2 | 3058 - Petrol Engine Service Lab                   | 61 | 44 | 36 | 59.02 |
| 3 | 3059 - Hydraulics Lab                              | 61 | 43 | 27 | 44.26 |
| 4 | 3001 - Environmental Science & Disaster Management | 61 | 57 | 22 | 36.07 |
| 5 | 3024 - Machine Drawing                             | 61 | 52 | 20 | 32.79 |
| 6 | 3052 - Production Process of Automobile Components | 61 | 58 | 14 | 22.95 |
| 7 | 3021 - Electrical & Electronics Engg.              | 61 | 59 | 13 | 21.31 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 61 | 54 | 11 | 18.03 |

### Tool & Die Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3118 - Tool Engineering Lab II                     | 41 | 39 | 33 | 80.49 |
| 2 | 3119 - Metrology Lab                               | 41 | 36 | 31 | 75.61 |
| 3 | 3112 - Tool Engineering Drawing                    | 41 | 37 | 29 | 70.73 |
| 4 | 3117 - Workshop Practice III                       | 41 | 30 | 29 | 70.73 |
| 5 | 3001 - Environmental Science & Disaster Management | 41 | 38 | 18 | 43.9  |
| 6 | 3111 - Engineering Metrology                       | 41 | 39 | 11 | 26.83 |
| 7 | 3021 - Electrical & Electronics Engg.              | 41 | 37 | 9  | 21.95 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 41 | 39 | 8  | 19.51 |

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3048 - Digital Electronics Lab                     | 31 | 29 | 27 | 87.1  |
| 2 | 3047 - Electronics Circuits Lab                    | 31 | 30 | 26 | 83.87 |
| 3 | 3049 - Analogue Communication Lab                  | 31 | 28 | 25 | 80.65 |
| 4 | 3042 - Digital Electronics                         | 31 | 31 | 23 | 74.19 |
| 5 | 3041 - Communication Engineering                   | 31 | 30 | 17 | 54.84 |
| 6 | 3001 - Environmental Science & Disaster Management | 31 | 31 | 9  | 29.03 |
| 7 | 3043 - Electrical Technology                       | 31 | 31 | 5  | 16.13 |
| 8 | 3044 - Electronic Devices & Circuits               | 31 | 30 | 0  | 0     |

### Electronics & Instrumentation

### Bio-Medical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3249 - PCB & Spice Lab                             | 53 | 50 | 48 | 90.57 |
| 2 | 3048 - Digital Electronics Lab                     | 53 | 48 | 39 | 73.58 |
| 3 | 3047 - Electronics Circuits Lab                    | 53 | 42 | 37 | 69.81 |
| 4 | 3241 - Basic Medical Science                       | 53 | 50 | 34 | 64.15 |
| 5 | 3001 - Environmental Science & Disaster Management | 53 | 53 | 33 | 62.26 |

|   |                                      |    |    |    |       |
|---|--------------------------------------|----|----|----|-------|
| 6 | 3042 - Digital Electronics           | 53 | 52 | 19 | 35.85 |
| 7 | 3043 - Electrical Technology         | 53 | 49 | 15 | 28.3  |
| 8 | 3044 - Electronic Devices & Circuits | 53 | 52 | 12 | 22.64 |

### **Civil Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 53 | 44 | 42 | 79.25 |
| 2 | 3018 - Concrete Lab                                | 53 | 43 | 37 | 69.81 |
| 3 | 3019 - Construction Engg. Lab                      | 53 | 32 | 32 | 60.38 |
| 4 | 3001 - Environmental Science & Disaster Management | 53 | 52 | 23 | 43.4  |
| 5 | 3013 - Theory of Structures I                      | 53 | 48 | 22 | 41.51 |
| 6 | 3014 - Building Planning & Drawing                 | 53 | 48 | 21 | 39.62 |
| 7 | 3012 - Surveying II                                | 53 | 49 | 21 | 39.62 |
| 8 | 3011 - Construction Materials and Engineering      | 53 | 48 | 18 | 33.96 |

### **Electrical & Electronics Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3039 - Electrical Measurements Lab                 | 61 | 54 | 53 | 86.89 |
| 2 | 3037 - Electrical Workshop Practice                | 61 | 54 | 48 | 78.69 |
| 3 | 3032 - Electrical Measuring Instruments            | 61 | 60 | 32 | 52.46 |
| 4 | 3001 - Environmental Science & Disaster Management | 61 | 60 | 29 | 47.54 |
| 5 | 3038 - Mechanical Engineering Lab                  | 61 | 51 | 29 | 47.54 |
| 6 | 3034 - Mechanical Engineering                      | 61 | 59 | 22 | 36.07 |
| 7 | 3033 - Fundamentals of AC Systems                  | 61 | 60 | 19 | 31.15 |
| 8 | 3031 - Analog Devices & Circuits                   | 61 | 61 | 19 | 31.15 |

### **Architecture**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3189 - Model Making Workshop & Masonry Lab         | 56 | 46 | 46 | 82.14 |
| 2 | 3188 - Survey Practical                            | 56 | 43 | 41 | 73.21 |
| 3 | 3001 - Environmental Science & Disaster Management | 56 | 51 | 33 | 58.93 |
| 4 | 3183 - Architectural Drawing I                     | 56 | 51 | 28 | 50    |
| 5 | 3181 - Climatography                               | 56 | 51 | 20 | 35.71 |
| 6 | 3011 - Construction Materials and Engineering      | 56 | 53 | 17 | 30.36 |
| 7 | 3182 - Surveying for Architecture                  | 56 | 49 | 12 | 21.43 |
| 8 | 3013 - Theory of Structures I                      | 56 | 52 | 9  | 16.07 |

### **Computer Hardware Maintenance**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 45 | 39 | 35 | 77.78 |
| 2 | 3159 - Database and SQL Lab                        | 45 | 35 | 22 | 48.89 |
| 3 | 3131 - Computer Architecture                       | 45 | 43 | 22 | 48.89 |
| 4 | 3001 - Environmental Science & Disaster Management | 45 | 43 | 20 | 44.44 |
| 5 | 3137 - Objected Oriented Programming Lab           | 45 | 36 | 18 | 40    |
| 6 | 3133 - Digital Computer Principles                 | 45 | 43 | 14 | 31.11 |
| 7 | 3134 - Objected Oriented Programming through C++   | 45 | 43 | 10 | 22.22 |
| 8 | 3151 - Data Communication                          | 45 | 43 | 10 | 22.22 |

### **Instrument Technology**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3219 - Analog Circuits Lab                         | 18 | 18 | 18 | 100   |
| 2 | 3218 - Transducers and Measurements Lab            | 18 | 18 | 18 | 100   |
| 3 | 3217 - Digital Circuits Lab                        | 18 | 15 | 14 | 77.78 |
| 4 | 3001 - Environmental Science & Disaster Management | 18 | 18 | 12 | 66.67 |
| 5 | 3214 - Instrument Transducers                      | 18 | 18 | 10 | 55.56 |
| 6 | 3213 - Electrical & Electronic Instruments         | 18 | 18 | 7  | 38.89 |
| 7 | 3211 - Analog Circuits                             | 18 | 18 | 6  | 33.33 |
| 8 | 3212 - Digital Circuits                            | 18 | 18 | 4  | 22.22 |

**59 Government Polytechnic College, Ezhukone**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Mechanical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 52 | 49 | 45 | 86.54 |
| 2 | 3028 - Electrical Technology Lab                   | 52 | 50 | 45 | 86.54 |
| 3 | 3024 - Machine Drawing                             | 52 | 51 | 42 | 80.77 |
| 4 | 3001 - Environmental Science & Disaster Management | 52 | 50 | 42 | 80.77 |
| 5 | 3029 - Fluid Mechanics Lab                         | 52 | 49 | 42 | 80.77 |
| 6 | 3022 - Fluid Mechanics & Pneumatics                | 52 | 51 | 27 | 51.92 |
| 7 | 3023 - Manufacturing Process                       | 52 | 51 | 20 | 38.46 |
| 8 | 3021 - Electrical & Electronics Engg.              | 52 | 50 | 20 | 38.46 |

**Computer Hardware Maintenance**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3159 - Database and SQL Lab                        | 48 | 48 | 40 | 83.33 |
| 2 | 3138 - Digital Computer Principles Lab             | 48 | 47 | 39 | 81.25 |
| 3 | 3001 - Environmental Science & Disaster Management | 48 | 46 | 33 | 68.75 |
| 4 | 3137 - Objected Oriented Programming Lab           | 48 | 48 | 33 | 68.75 |
| 5 | 3151 - Data Communication                          | 48 | 47 | 25 | 52.08 |
| 6 | 3134 - Objected Oriented Programming through C++   | 48 | 48 | 20 | 41.67 |
| 7 | 3133 - Digital Computer Principles                 | 48 | 48 | 18 | 37.5  |
| 8 | 3131 - Computer Architecture                       | 48 | 46 | 16 | 33.33 |

**Electronics & Communication**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3047 - Electronics Circuits Lab                    | 41 | 41 | 40 | 97.56 |
| 2 | 3049 - Analogue Communication Lab                  | 41 | 41 | 40 | 97.56 |
| 3 | 3048 - Digital Electronics Lab                     | 41 | 41 | 38 | 92.68 |
| 4 | 3001 - Environmental Science & Disaster Management | 41 | 41 | 36 | 87.8  |
| 5 | 3042 - Digital Electronics                         | 41 | 41 | 32 | 78.05 |
| 6 | 3043 - Electrical Technology                       | 41 | 41 | 29 | 70.73 |
| 7 | 3041 - Communication Engineering                   | 41 | 41 | 27 | 65.85 |
| 8 | 3044 - Electronic Devices & Circuits               | 41 | 41 | 25 | 60.98 |

**63 AWH Polytechnic College, Kuttikkattur**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 53 | 51 | 51 | 96.23 |
| 2 | 3029 - Fluid Mechanics Lab                         | 53 | 53 | 47 | 88.68 |
| 3 | 3028 - Electrical Technology Lab                   | 53 | 52 | 45 | 84.91 |
| 4 | 3021 - Electrical & Electronics Engg.              | 53 | 52 | 36 | 67.92 |
| 5 | 3001 - Environmental Science & Disaster Management | 53 | 49 | 31 | 58.49 |
| 6 | 3024 - Machine Drawing                             | 53 | 53 | 28 | 52.83 |
| 7 | 3023 - Manufacturing Process                       | 53 | 53 | 26 | 49.06 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 53 | 53 | 25 | 47.17 |

### Tool & Die Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3118 - Tool Engineering Lab II                     | 49 | 42 | 42 | 85.71 |
| 2 | 3119 - Metrology Lab                               | 49 | 45 | 37 | 75.51 |
| 3 | 3117 - Workshop Practice III                       | 49 | 41 | 35 | 71.43 |
| 4 | 3112 - Tool Engineering Drawing                    | 49 | 48 | 32 | 65.31 |
| 5 | 3001 - Environmental Science & Disaster Management | 49 | 49 | 24 | 48.98 |
| 6 | 3021 - Electrical & Electronics Engg.              | 49 | 49 | 19 | 38.78 |
| 7 | 3111 - Engineering Metrology                       | 49 | 48 | 17 | 34.69 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 49 | 48 | 13 | 26.53 |

### Bio-Medical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3249 - PCB & Spice Lab                             | 48 | 43 | 43 | 89.58 |
| 2 | 3047 - Electronics Circuits Lab                    | 48 | 42 | 39 | 81.25 |
| 3 | 3048 - Digital Electronics Lab                     | 48 | 44 | 35 | 72.92 |
| 4 | 3001 - Environmental Science & Disaster Management | 48 | 45 | 30 | 62.5  |
| 5 | 3042 - Digital Electronics                         | 48 | 44 | 28 | 58.33 |
| 6 | 3241 - Basic Medical Science                       | 48 | 45 | 27 | 56.25 |
| 7 | 3044 - Electronic Devices & Circuits               | 48 | 44 | 22 | 45.83 |
| 8 | 3043 - Electrical Technology                       | 48 | 45 | 22 | 45.83 |

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab                  | 44 | 43 | 41 | 93.18 |
| 2 | 3047 - Electronics Circuits Lab                    | 44 | 43 | 38 | 86.36 |
| 3 | 3042 - Digital Electronics                         | 44 | 44 | 34 | 77.27 |
| 4 | 3048 - Digital Electronics Lab                     | 44 | 43 | 32 | 72.73 |
| 5 | 3001 - Environmental Science & Disaster Management | 44 | 43 | 32 | 72.73 |
| 6 | 3041 - Communication Engineering                   | 44 | 44 | 31 | 70.45 |
| 7 | 3044 - Electronic Devices & Circuits               | 44 | 44 | 19 | 43.18 |
| 8 | 3043 - Electrical Technology                       | 44 | 43 | 14 | 31.82 |

### 64 Model Polytechnic College, Kuzhalmannam

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering(Water Resources Management)

## Civil Engineering(Environmental Engineering)

### Civil Engineering

|   |  |     |     |     |       |
|---|--|-----|-----|-----|-------|
| 1 | 3018 - Concrete Lab                                | 116 | 107 | 105 | 90.52 |
| 2 | 3017 - Survey Practical II                         | 116 | 106 | 104 | 89.66 |
| 3 | 3019 - Construction Engg. Lab                      | 116 | 109 | 103 | 88.79 |
| 4 | 3014 - Building Planning & Drawing                 | 116 | 109 | 84  | 72.41 |
| 5 | 3001 - Environmental Science & Disaster Management | 116 | 107 | 71  | 61.21 |
| 6 | 3011 - Construction Materials and Engineering      | 116 | 108 | 56  | 48.28 |
| 7 | 3013 - Theory of Structures I                      | 116 | 108 | 48  | 41.38 |
| 8 | 3012 - Surveying II                                | 116 | 109 | 44  | 37.93 |

### 65 St. Mary's Polytechnic College, Palakkad

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 58 | 55 | 53 | 91.38 |
| 2 | 3019 - Construction Engg. Lab                      | 58 | 55 | 51 | 87.93 |
| 3 | 3017 - Survey Practical II                         | 58 | 55 | 48 | 82.76 |
| 4 | 3001 - Environmental Science & Disaster Management | 58 | 58 | 46 | 79.31 |
| 5 | 3014 - Building Planning & Drawing                 | 58 | 57 | 43 | 74.14 |
| 6 | 3011 - Construction Materials and Engineering      | 58 | 57 | 36 | 62.07 |
| 7 | 3012 - Surveying II                                | 58 | 56 | 31 | 53.45 |
| 8 | 3013 - Theory of Structures I                      | 58 | 57 | 27 | 46.55 |

### Mechanical Engineering

|   |  |     |     |     |       |
|---|--|-----|-----|-----|-------|
| 1 | 3027 - Workshop Practice III                       | 122 | 120 | 120 | 98.36 |
| 2 | 3024 - Machine Drawing                             | 122 | 120 | 113 | 92.62 |
| 3 | 3001 - Environmental Science & Disaster Management | 122 | 120 | 112 | 91.8  |
| 4 | 3028 - Electrical Technology Lab                   | 122 | 120 | 111 | 90.98 |
| 5 | 3021 - Electrical & Electronics Engg.              | 122 | 121 | 97  | 79.51 |
| 6 | 3029 - Fluid Mechanics Lab                         | 122 | 118 | 93  | 76.23 |
| 7 | 3023 - Manufacturing Process                       | 122 | 120 | 92  | 75.41 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 122 | 119 | 76  | 62.3  |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 64 | 63 | 57 | 89.06 |
| 2 | 3032 - Electrical Measuring Instruments            | 64 | 63 | 57 | 89.06 |
| 3 | 3039 - Electrical Measurements Lab                 | 64 | 62 | 56 | 87.5  |
| 4 | 3001 - Environmental Science & Disaster Management | 64 | 63 | 54 | 84.38 |
| 5 | 3034 - Mechanical Engineering                      | 64 | 64 | 40 | 62.5  |
| 6 | 3033 - Fundamentals of AC Systems                  | 64 | 64 | 37 | 57.81 |
| 7 | 3038 - Mechanical Engineering Lab                  | 64 | 60 | 35 | 54.69 |
| 8 | 3031 - Analog Devices & Circuits                   | 64 | 62 | 31 | 48.44 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3058 - Petrol Engine Service Lab                   | 55 | 55 | 55 | 100   |
| 2 | 3057 - Manufacturing Lab I                         | 55 | 55 | 55 | 100   |
| 3 | 3001 - Environmental Science & Disaster Management | 55 | 55 | 51 | 92.73 |
| 4 | 3059 - Hydraulics Lab                              | 55 | 54 | 49 | 89.09 |
| 5 | 3024 - Machine Drawing                             | 55 | 55 | 42 | 76.36 |
| 6 | 3052 - Production Process of Automobile Components | 55 | 55 | 42 | 76.36 |
| 7 | 3051 - Fluid Mechanics & Machinery                 | 55 | 54 | 35 | 63.64 |
| 8 | 3021 - Electrical & Electronics Engg.              | 55 | 55 | 34 | 61.82 |

### Computer Engineering

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3131 - Computer Architecture                       | 50 | 48 | 35 | 70 |
| 2 | 3132 - Database Management System                  | 50 | 47 | 34 | 68 |
| 3 | 3137 - Objected Oriented Programming Lab           | 50 | 47 | 32 | 64 |
| 4 | 3138 - Digital Computer Principles Lab             | 50 | 47 | 31 | 62 |
| 5 | 3139 - Database Management System Lab              | 50 | 46 | 29 | 58 |
| 6 | 3133 - Digital Computer Principles                 | 50 | 48 | 27 | 54 |
| 7 | 3001 - Environmental Science & Disaster Management | 50 | 48 | 27 | 54 |
| 8 | 3134 - Objected Oriented Programming through C++   | 50 | 48 | 27 | 54 |

### 66 Ma'din Polytechnic College, Malappuram

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 62 | 61 | 57 | 91.94 |
| 2 | 3019 - Construction Engg. Lab                      | 62 | 61 | 55 | 88.71 |
| 3 | 3018 - Concrete Lab                                | 62 | 61 | 54 | 87.1  |
| 4 | 3001 - Environmental Science & Disaster Management | 62 | 62 | 44 | 70.97 |
| 5 | 3014 - Building Planning & Drawing                 | 62 | 60 | 41 | 66.13 |
| 6 | 3011 - Construction Materials and Engineering      | 62 | 61 | 28 | 45.16 |
| 7 | 3013 - Theory of Structures I                      | 62 | 62 | 25 | 40.32 |
| 8 | 3012 - Surveying II                                | 62 | 61 | 19 | 30.65 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 58 | 54 | 53 | 91.38 |
| 2 | 3024 - Machine Drawing                             | 58 | 56 | 47 | 81.03 |
| 3 | 3028 - Electrical Technology Lab                   | 58 | 55 | 45 | 77.59 |
| 4 | 3001 - Environmental Science & Disaster Management | 58 | 52 | 37 | 63.79 |
| 5 | 3029 - Fluid Mechanics Lab                         | 58 | 55 | 36 | 62.07 |
| 6 | 3021 - Electrical & Electronics Engg.              | 58 | 54 | 33 | 56.9  |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 58 | 52 | 24 | 41.38 |
| 8 | 3023 - Manufacturing Process                       | 58 | 53 | 20 | 34.48 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 57 | 54 | 53 | 92.98 |
| 2 | 3039 - Electrical Measurements Lab                 | 57 | 54 | 52 | 91.23 |
| 3 | 3038 - Mechanical Engineering Lab                  | 57 | 51 | 48 | 84.21 |
| 4 | 3001 - Environmental Science & Disaster Management | 57 | 53 | 41 | 71.93 |
| 5 | 3032 - Electrical Measuring Instruments            | 57 | 52 | 39 | 68.42 |
| 6 | 3031 - Analog Devices & Circuits                   | 57 | 53 | 28 | 49.12 |
| 7 | 3034 - Mechanical Engineering                      | 57 | 53 | 28 | 49.12 |
| 8 | 3033 - Fundamentals of AC Systems                  | 57 | 52 | 27 | 47.37 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3139 - Database Management System Lab              | 30 | 30 | 30 | 100   |
| 2 | 3131 - Computer Architecture                       | 30 | 30 | 25 | 83.33 |
| 3 | 3138 - Digital Computer Principles Lab             | 30 | 30 | 24 | 80    |
| 4 | 3137 - Objected Oriented Programming Lab           | 30 | 30 | 21 | 70    |
| 5 | 3134 - Objected Oriented Programming through C++   | 30 | 30 | 20 | 66.67 |
| 6 | 3001 - Environmental Science & Disaster Management | 30 | 30 | 19 | 63.33 |
| 7 | 3133 - Digital Computer Principles                 | 30 | 30 | 17 | 56.67 |
| 8 | 3132 - Database Management System                  | 30 | 30 | 16 | 53.33 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 57 | 57 | 57 | 100   |
| 2 | 3058 - Petrol Engine Service Lab                   | 57 | 56 | 55 | 96.49 |
| 3 | 3024 - Machine Drawing                             | 57 | 57 | 44 | 77.19 |
| 4 | 3059 - Hydraulics Lab                              | 57 | 56 | 41 | 71.93 |
| 5 | 3001 - Environmental Science & Disaster Management | 57 | 57 | 36 | 63.16 |
| 6 | 3021 - Electrical & Electronics Engg.              | 57 | 57 | 29 | 50.88 |
| 7 | 3051 - Fluid Mechanics & Machinery                 | 57 | 55 | 28 | 49.12 |
| 8 | 3052 - Production Process of Automobile Components | 57 | 57 | 25 | 43.86 |

### Architecture

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3189 - Model Making Workshop & Masonry Lab         | 48 | 47 | 44 | 91.67 |
| 2 | 3188 - Survey Practical                            | 48 | 46 | 42 | 87.5  |
| 3 | 3183 - Architectural Drawing I                     | 48 | 48 | 40 | 83.33 |
| 4 | 3182 - Surveying for Architecture                  | 48 | 48 | 33 | 68.75 |
| 5 | 3013 - Theory of Structures I                      | 48 | 48 | 29 | 60.42 |
| 6 | 3001 - Environmental Science & Disaster Management | 48 | 48 | 28 | 58.33 |
| 7 | 3181 - Climatography                               | 48 | 48 | 27 | 56.25 |
| 8 | 3011 - Construction Materials and Engineering      | 48 | 48 | 21 | 43.75 |

### 67 Al-Azhar Polytechnic College, Idukki

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Electronics & Communication

|   |                                   |    |    |    |       |
|---|-----------------------------------|----|----|----|-------|
| 1 | 3049 - Analogue Communication Lab | 23 | 23 | 23 | 100   |
| 2 | 3047 - Electronics Circuits Lab   | 23 | 23 | 22 | 95.65 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3048 - Digital Electronics Lab                     | 23 | 23 | 21 | 91.3  |
| 4 | 3001 - Environmental Science & Disaster Management | 23 | 23 | 20 | 86.96 |
| 5 | 3041 - Communication Engineering                   | 23 | 23 | 19 | 82.61 |
| 6 | 3043 - Electrical Technology                       | 23 | 23 | 18 | 78.26 |
| 7 | 3042 - Digital Electronics                         | 23 | 23 | 18 | 78.26 |
| 8 | 3044 - Electronic Devices & Circuits               | 23 | 23 | 15 | 65.22 |

### **Mechanical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 60 | 53 | 53 | 88.33 |
| 2 | 3029 - Fluid Mechanics Lab                         | 60 | 55 | 39 | 65    |
| 3 | 3028 - Electrical Technology Lab                   | 60 | 46 | 34 | 56.67 |
| 4 | 3001 - Environmental Science & Disaster Management | 60 | 49 | 23 | 38.33 |
| 5 | 3024 - Machine Drawing                             | 60 | 48 | 14 | 23.33 |
| 6 | 3021 - Electrical & Electronics Engg.              | 60 | 49 | 10 | 16.67 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 60 | 48 | 10 | 16.67 |
| 8 | 3023 - Manufacturing Process                       | 60 | 51 | 6  | 10    |

### **Automobile Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 54 | 50 | 50 | 92.59 |
| 2 | 3058 - Petrol Engine Service Lab                   | 54 | 50 | 37 | 68.52 |
| 3 | 3059 - Hydraulics Lab                              | 54 | 48 | 32 | 59.26 |
| 4 | 3001 - Environmental Science & Disaster Management | 54 | 47 | 24 | 44.44 |
| 5 | 3021 - Electrical & Electronics Engg.              | 54 | 46 | 17 | 31.48 |
| 6 | 3024 - Machine Drawing                             | 54 | 47 | 14 | 25.93 |
| 7 | 3052 - Production Process of Automobile Components | 54 | 50 | 13 | 24.07 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 54 | 47 | 11 | 20.37 |

### **Computer Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 21 | 20 | 19 | 90.48 |
| 2 | 3139 - Database Management System Lab              | 21 | 19 | 12 | 57.14 |
| 3 | 3133 - Digital Computer Principles                 | 21 | 20 | 11 | 52.38 |
| 4 | 3137 - Objected Oriented Programming Lab           | 21 | 18 | 10 | 47.62 |
| 5 | 3131 - Computer Architecture                       | 21 | 20 | 9  | 42.86 |
| 6 | 3132 - Database Management System                  | 21 | 20 | 7  | 33.33 |
| 7 | 3001 - Environmental Science & Disaster Management | 21 | 19 | 7  | 33.33 |
| 8 | 3134 - Objected Oriented Programming through C++   | 21 | 17 | 6  | 28.57 |

### **Civil Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 78 | 64 | 64 | 82.05 |
| 2 | 3017 - Survey Practical II                         | 78 | 61 | 53 | 67.95 |
| 3 | 3018 - Concrete Lab                                | 78 | 60 | 43 | 55.13 |
| 4 | 3001 - Environmental Science & Disaster Management | 78 | 61 | 40 | 51.28 |
| 5 | 3014 - Building Planning & Drawing                 | 78 | 65 | 31 | 39.74 |
| 6 | 3011 - Construction Materials and Engineering      | 78 | 71 | 16 | 20.51 |



|   |                               |    |    |    |       |
|---|-------------------------------|----|----|----|-------|
| 7 | 3012 - Surveying II           | 78 | 68 | 11 | 14.1  |
| 8 | 3013 - Theory of Structures I | 78 | 66 | 10 | 12.82 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3038 - Mechanical Engineering Lab                  | 55 | 53 | 45 | 81.82 |
| 2 | 3037 - Electrical Workshop Practice                | 55 | 54 | 44 | 80    |
| 3 | 3039 - Electrical Measurements Lab                 | 55 | 53 | 42 | 76.36 |
| 4 | 3001 - Environmental Science & Disaster Management | 55 | 53 | 35 | 63.64 |
| 5 | 3032 - Electrical Measuring Instruments            | 55 | 53 | 28 | 50.91 |
| 6 | 3033 - Fundamentals of AC Systems                  | 55 | 53 | 22 | 40    |
| 7 | 3031 - Analog Devices & Circuits                   | 55 | 54 | 19 | 34.55 |
| 8 | 3034 - Mechanical Engineering                      | 55 | 52 | 13 | 23.64 |

### Civil Engineering(Environmental Engineering)

#### 68 Malabar Polytechnic Campus, Palaghat

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 57 | 55 | 52 | 91.23 |
| 2 | 3017 - Survey Practical II                         | 57 | 57 | 51 | 89.47 |
| 3 | 3001 - Environmental Science & Disaster Management | 57 | 57 | 49 | 85.96 |
| 4 | 3018 - Concrete Lab                                | 57 | 55 | 48 | 84.21 |
| 5 | 3013 - Theory of Structures I                      | 57 | 56 | 39 | 68.42 |
| 6 | 3014 - Building Planning & Drawing                 | 57 | 57 | 39 | 68.42 |
| 7 | 3012 - Surveying II                                | 57 | 57 | 34 | 59.65 |
| 8 | 3011 - Construction Materials and Engineering      | 57 | 56 | 32 | 56.14 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 47 | 43 | 42 | 89.36 |
| 2 | 3001 - Environmental Science & Disaster Management | 47 | 43 | 39 | 82.98 |
| 3 | 3039 - Electrical Measurements Lab                 | 47 | 42 | 38 | 80.85 |
| 4 | 3034 - Mechanical Engineering                      | 47 | 43 | 36 | 76.6  |
| 5 | 3032 - Electrical Measuring Instruments            | 47 | 43 | 35 | 74.47 |
| 6 | 3031 - Analog Devices & Circuits                   | 47 | 43 | 34 | 72.34 |
| 7 | 3038 - Mechanical Engineering Lab                  | 47 | 40 | 32 | 68.09 |
| 8 | 3033 - Fundamentals of AC Systems                  | 47 | 43 | 28 | 59.57 |

### Mechanical Engineering

|   |  |     |    |    |       |
|---|--|-----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 101 | 93 | 80 | 79.21 |
| 2 | 3028 - Electrical Technology Lab                   | 101 | 94 | 77 | 76.24 |
| 3 | 3029 - Fluid Mechanics Lab                         | 101 | 92 | 75 | 74.26 |
| 4 | 3001 - Environmental Science & Disaster Management | 101 | 93 | 71 | 70.3  |
| 5 | 3024 - Machine Drawing                             | 101 | 90 | 67 | 66.34 |
| 6 | 3023 - Manufacturing Process                       | 101 | 94 | 53 | 52.48 |

|   |                                       |     |    |    |       |
|---|---------------------------------------|-----|----|----|-------|
| 7 | 3021 - Electrical & Electronics Engg. | 101 | 94 | 45 | 44.55 |
| 8 | 3022 - Fluid Mechanics & Pneumatics   | 101 | 93 | 45 | 44.55 |

**69 Aries Polytechnic College, Palakkad**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Civil Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 27 | 23 | 23 | 85.19 |
| 2 | 3017 - Survey Practical II                         | 27 | 22 | 21 | 77.78 |
| 3 | 3019 - Construction Engg. Lab                      | 27 | 21 | 21 | 77.78 |
| 4 | 3001 - Environmental Science & Disaster Management | 27 | 23 | 19 | 70.37 |
| 5 | 3011 - Construction Materials and Engineering      | 27 | 23 | 10 | 37.04 |
| 6 | 3014 - Building Planning & Drawing                 | 27 | 23 | 7  | 25.93 |
| 7 | 3012 - Surveying II                                | 27 | 22 | 5  | 18.52 |
| 8 | 3013 - Theory of Structures I                      | 27 | 23 | 4  | 14.81 |

**Automobile Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3058 - Petrol Engine Service Lab                   | 30 | 24 | 24 | 80    |
| 2 | 3059 - Hydraulics Lab                              | 30 | 25 | 23 | 76.67 |
| 3 | 3001 - Environmental Science & Disaster Management | 30 | 28 | 21 | 70    |
| 4 | 3051 - Fluid Mechanics & Machinery                 | 30 | 26 | 19 | 63.33 |
| 5 | 3024 - Machine Drawing                             | 30 | 26 | 19 | 63.33 |
| 6 | 3057 - Manufacturing Lab I                         | 30 | 24 | 18 | 60    |
| 7 | 3052 - Production Process of Automobile Components | 30 | 25 | 10 | 33.33 |
| 8 | 3021 - Electrical & Electronics Engg.              | 30 | 25 | 8  | 26.67 |

**Mechanical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 49 | 45 | 45 | 91.84 |
| 2 | 3029 - Fluid Mechanics Lab                         | 49 | 45 | 43 | 87.76 |
| 3 | 3001 - Environmental Science & Disaster Management | 49 | 44 | 39 | 79.59 |
| 4 | 3024 - Machine Drawing                             | 49 | 45 | 34 | 69.39 |
| 5 | 3022 - Fluid Mechanics & Pneumatics                | 49 | 45 | 33 | 67.35 |
| 6 | 3028 - Electrical Technology Lab                   | 49 | 41 | 31 | 63.27 |
| 7 | 3023 - Manufacturing Process                       | 49 | 44 | 10 | 20.41 |
| 8 | 3021 - Electrical & Electronics Engg.              | 49 | 45 | 9  | 18.37 |

**Electrical & Electronics Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 32 | 27 | 27 | 84.38 |
| 2 | 3039 - Electrical Measurements Lab                 | 32 | 24 | 24 | 75    |
| 3 | 3001 - Environmental Science & Disaster Management | 32 | 28 | 21 | 65.63 |
| 4 | 3034 - Mechanical Engineering                      | 32 | 27 | 20 | 62.5  |
| 5 | 3038 - Mechanical Engineering Lab                  | 32 | 24 | 15 | 46.88 |
| 6 | 3031 - Analog Devices & Circuits                   | 32 | 27 | 12 | 37.5  |
| 7 | 3032 - Electrical Measuring Instruments            | 32 | 25 | 12 | 37.5  |
| 8 | 3033 - Fundamentals of AC Systems                  | 32 | 27 | 10 | 31.25 |

**Electronics**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3048 - Digital Electronics Lab                     | 11 | 10 | 10 | 90.91 |
| 2 | 3047 - Electronics Circuits Lab                    | 11 | 10 | 10 | 90.91 |
| 3 | 3049 - Analogue Communication Lab                  | 11 | 10 | 10 | 90.91 |
| 4 | 3042 - Digital Electronics                         | 11 | 11 | 3  | 27.27 |
| 5 | 3041 - Communication Engineering                   | 11 | 11 | 2  | 18.18 |
| 6 | 3001 - Environmental Science & Disaster Management | 11 | 10 | 2  | 18.18 |
| 7 | 3043 - Electrical Technology                       | 11 | 11 | 1  | 9.09  |
| 8 | 3044 - Electronic Devices & Circuits               | 11 | 10 | 1  | 9.09  |

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

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Civil Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 60 | 55 | 50 | 83.33 |
| 2 | 3017 - Survey Practical II                         | 60 | 46 | 46 | 76.67 |
| 3 | 3018 - Concrete Lab                                | 60 | 46 | 43 | 71.67 |
| 4 | 3001 - Environmental Science & Disaster Management | 60 | 59 | 37 | 61.67 |
| 5 | 3014 - Building Planning & Drawing                 | 60 | 53 | 14 | 23.33 |
| 6 | 3011 - Construction Materials and Engineering      | 60 | 59 | 10 | 16.67 |
| 7 | 3012 - Surveying II                                | 60 | 56 | 7  | 11.67 |
| 8 | 3013 - Theory of Structures I                      | 60 | 59 | 6  | 10    |

**Mechanical Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 61 | 60 | 57 | 93.44 |
| 2 | 3001 - Environmental Science & Disaster Management | 61 | 60 | 46 | 75.41 |
| 3 | 3029 - Fluid Mechanics Lab                         | 61 | 54 | 44 | 72.13 |
| 4 | 3028 - Electrical Technology Lab                   | 61 | 45 | 44 | 72.13 |
| 5 | 3024 - Machine Drawing                             | 61 | 60 | 27 | 44.26 |
| 6 | 3022 - Fluid Mechanics & Pneumatics                | 61 | 58 | 27 | 44.26 |
| 7 | 3021 - Electrical & Electronics Engg.              | 61 | 60 | 23 | 37.7  |
| 8 | 3023 - Manufacturing Process                       | 61 | 57 | 13 | 21.31 |

**Automobile Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3058 - Petrol Engine Service Lab                   | 57 | 48 | 43 | 75.44 |
| 2 | 3057 - Manufacturing Lab I                         | 57 | 48 | 34 | 59.65 |
| 3 | 3059 - Hydraulics Lab                              | 57 | 37 | 32 | 56.14 |
| 4 | 3001 - Environmental Science & Disaster Management | 57 | 57 | 30 | 52.63 |
| 5 | 3024 - Machine Drawing                             | 57 | 49 | 21 | 36.84 |
| 6 | 3021 - Electrical & Electronics Engg.              | 57 | 55 | 16 | 28.07 |
| 7 | 3052 - Production Process of Automobile Components | 57 | 55 | 16 | 28.07 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 57 | 53 | 9  | 15.79 |

**71 Indira Gandhi Polytechnic College, Kothamangalam**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

## Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 42 | 41 | 34 | 80.95 |
| 2 | 3017 - Survey Practical II                         | 42 | 38 | 33 | 78.57 |
| 3 | 3001 - Environmental Science & Disaster Management | 42 | 35 | 33 | 78.57 |
| 4 | 3014 - Building Planning & Drawing                 | 42 | 39 | 31 | 73.81 |
| 5 | 3018 - Concrete Lab                                | 42 | 36 | 29 | 69.05 |
| 6 | 3011 - Construction Materials and Engineering      | 42 | 40 | 17 | 40.48 |
| 7 | 3012 - Surveying II                                | 42 | 40 | 12 | 28.57 |
| 8 | 3013 - Theory of Structures I                      | 42 | 40 | 8  | 19.05 |

## Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 56 | 52 | 51 | 91.07 |
| 2 | 3001 - Environmental Science & Disaster Management | 56 | 54 | 48 | 85.71 |
| 3 | 3029 - Fluid Mechanics Lab                         | 56 | 52 | 43 | 76.79 |
| 4 | 3028 - Electrical Technology Lab                   | 56 | 53 | 39 | 69.64 |
| 5 | 3023 - Manufacturing Process                       | 56 | 53 | 34 | 60.71 |
| 6 | 3024 - Machine Drawing                             | 56 | 51 | 31 | 55.36 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 56 | 52 | 25 | 44.64 |
| 8 | 3021 - Electrical & Electronics Engg.              | 56 | 55 | 22 | 39.29 |

## Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3039 - Electrical Measurements Lab                 | 49 | 47 | 41 | 83.67 |
| 2 | 3037 - Electrical Workshop Practice                | 49 | 47 | 39 | 79.59 |
| 3 | 3038 - Mechanical Engineering Lab                  | 49 | 46 | 36 | 73.47 |
| 4 | 3001 - Environmental Science & Disaster Management | 49 | 49 | 34 | 69.39 |
| 5 | 3032 - Electrical Measuring Instruments            | 49 | 49 | 32 | 65.31 |
| 6 | 3034 - Mechanical Engineering                      | 49 | 49 | 30 | 61.22 |
| 7 | 3031 - Analog Devices & Circuits                   | 49 | 49 | 18 | 36.73 |
| 8 | 3033 - Fundamentals of AC Systems                  | 49 | 48 | 15 | 30.61 |

## Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 58 | 52 | 49 | 84.48 |
| 2 | 3001 - Environmental Science & Disaster Management | 58 | 42 | 35 | 60.34 |
| 3 | 3058 - Petrol Engine Service Lab                   | 58 | 49 | 34 | 58.62 |
| 4 | 3024 - Machine Drawing                             | 58 | 48 | 32 | 55.17 |
| 5 | 3059 - Hydraulics Lab                              | 58 | 54 | 29 | 50    |
| 6 | 3052 - Production Process of Automobile Components | 58 | 53 | 17 | 29.31 |
| 7 | 3021 - Electrical & Electronics Engg.              | 58 | 46 | 10 | 17.24 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 58 | 48 | 8  | 13.79 |

## Tool & Die Engineering

|   |                                 |    |    |    |       |
|---|---------------------------------|----|----|----|-------|
| 1 | 3112 - Tool Engineering Drawing | 51 | 46 | 44 | 86.27 |
| 2 | 3117 - Workshop Practice III    | 51 | 43 | 42 | 82.35 |
| 3 | 3119 - Metrology Lab            | 51 | 41 | 40 | 78.43 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 4 | 3118 - Tool Engineering Lab II                     | 51 | 44 | 39 | 76.47 |
| 5 | 3001 - Environmental Science & Disaster Management | 51 | 48 | 33 | 64.71 |
| 6 | 3111 - Engineering Metrology                       | 51 | 45 | 18 | 35.29 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 51 | 45 | 11 | 21.57 |
| 8 | 3021 - Electrical & Electronics Engg.              | 51 | 36 | 10 | 19.61 |

**72 KMCT Polytechnic College, Malappuram**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Civil Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 95 | 83 | 66 | 69.47 |
| 2 | 3017 - Survey Practical II                         | 95 | 79 | 57 | 60    |
| 3 | 3018 - Concrete Lab                                | 95 | 84 | 57 | 60    |
| 4 | 3001 - Environmental Science & Disaster Management | 95 | 78 | 42 | 44.21 |
| 5 | 3014 - Building Planning & Drawing                 | 95 | 82 | 40 | 42.11 |
| 6 | 3013 - Theory of Structures I                      | 95 | 84 | 26 | 27.37 |
| 7 | 3011 - Construction Materials and Engineering      | 95 | 87 | 21 | 22.11 |
| 8 | 3012 - Surveying II                                | 95 | 82 | 17 | 17.89 |

**Mechanical Engineering**

|   |  |     |     |    |       |
|---|--|-----|-----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 112 | 100 | 96 | 85.71 |
| 2 | 3029 - Fluid Mechanics Lab                         | 112 | 97  | 86 | 76.79 |
| 3 | 3028 - Electrical Technology Lab                   | 112 | 95  | 80 | 71.43 |
| 4 | 3001 - Environmental Science & Disaster Management | 112 | 101 | 75 | 66.96 |
| 5 | 3024 - Machine Drawing                             | 112 | 102 | 72 | 64.29 |
| 6 | 3022 - Fluid Mechanics & Pneumatics                | 112 | 101 | 50 | 44.64 |
| 7 | 3023 - Manufacturing Process                       | 112 | 99  | 39 | 34.82 |
| 8 | 3021 - Electrical & Electronics Engg.              | 112 | 103 | 30 | 26.79 |

**Automobile Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3058 - Petrol Engine Service Lab                   | 44 | 38 | 38 | 86.36 |
| 2 | 3057 - Manufacturing Lab I                         | 44 | 39 | 35 | 79.55 |
| 3 | 3001 - Environmental Science & Disaster Management | 44 | 41 | 26 | 59.09 |
| 4 | 3059 - Hydraulics Lab                              | 44 | 36 | 24 | 54.55 |
| 5 | 3024 - Machine Drawing                             | 44 | 41 | 18 | 40.91 |
| 6 | 3051 - Fluid Mechanics & Machinery                 | 44 | 41 | 12 | 27.27 |
| 7 | 3052 - Production Process of Automobile Components | 44 | 40 | 8  | 18.18 |
| 8 | 3021 - Electrical & Electronics Engg.              | 44 | 44 | 6  | 13.64 |

**73 M-DIT Polytechnic College, Ulliyeri**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

**Civil Engineering**

|   |                               |    |    |    |       |
|---|-------------------------------|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab | 53 | 51 | 51 | 96.23 |
| 2 | 3017 - Survey Practical II    | 53 | 51 | 47 | 88.68 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3018 - Concrete Lab                                | 53 | 51 | 43 | 81.13 |
| 4 | 3001 - Environmental Science & Disaster Management | 53 | 53 | 40 | 75.47 |
| 5 | 3014 - Building Planning & Drawing                 | 53 | 52 | 39 | 73.58 |
| 6 | 3013 - Theory of Structures I                      | 53 | 51 | 25 | 47.17 |
| 7 | 3011 - Construction Materials and Engineering      | 53 | 53 | 25 | 47.17 |
| 8 | 3012 - Surveying II                                | 53 | 52 | 19 | 35.85 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 61 | 56 | 56 | 91.8  |
| 2 | 3029 - Fluid Mechanics Lab                         | 61 | 56 | 45 | 73.77 |
| 3 | 3028 - Electrical Technology Lab                   | 61 | 53 | 43 | 70.49 |
| 4 | 3001 - Environmental Science & Disaster Management | 61 | 57 | 39 | 63.93 |
| 5 | 3024 - Machine Drawing                             | 61 | 59 | 35 | 57.38 |
| 6 | 3023 - Manufacturing Process                       | 61 | 57 | 14 | 22.95 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 61 | 57 | 10 | 16.39 |
| 8 | 3021 - Electrical & Electronics Engg.              | 61 | 59 | 8  | 13.11 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 48 | 44 | 44 | 91.67 |
| 2 | 3058 - Petrol Engine Service Lab                   | 48 | 42 | 36 | 75    |
| 3 | 3059 - Hydraulics Lab                              | 48 | 40 | 31 | 64.58 |
| 4 | 3001 - Environmental Science & Disaster Management | 48 | 30 | 19 | 39.58 |
| 5 | 3024 - Machine Drawing                             | 48 | 43 | 16 | 33.33 |
| 6 | 3052 - Production Process of Automobile Components | 48 | 45 | 8  | 16.67 |
| 7 | 3051 - Fluid Mechanics & Machinery                 | 48 | 43 | 6  | 12.5  |
| 8 | 3021 - Electrical & Electronics Engg.              | 48 | 42 | 5  | 10.42 |

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3048 - Digital Electronics Lab                     | 43 | 38 | 36 | 83.72 |
| 2 | 3049 - Analogue Communication Lab                  | 43 | 37 | 33 | 76.74 |
| 3 | 3047 - Electronics Circuits Lab                    | 43 | 37 | 26 | 60.47 |
| 4 | 3042 - Digital Electronics                         | 43 | 37 | 26 | 60.47 |
| 5 | 3001 - Environmental Science & Disaster Management | 43 | 29 | 18 | 41.86 |
| 6 | 3041 - Communication Engineering                   | 43 | 37 | 11 | 25.58 |
| 7 | 3043 - Electrical Technology                       | 43 | 38 | 10 | 23.26 |
| 8 | 3044 - Electronic Devices & Circuits               | 43 | 38 | 6  | 13.95 |

### 74 Orphanage Polytechnic College, Edavanna

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 54 | 54 | 43 | 79.63 |
| 2 | 3018 - Concrete Lab                                | 54 | 54 | 38 | 70.37 |
| 3 | 3001 - Environmental Science & Disaster Management | 54 | 54 | 38 | 70.37 |
| 4 | 3017 - Survey Practical II                         | 54 | 53 | 31 | 57.41 |

|   |   |    |    |    |       |
|---|---|----|----|----|-------|
| 5 | 3011 - Construction Materials and Engineering | 54 | 54 | 30 | 55.56 |
| 6 | 3014 - Building Planning & Drawing            | 54 | 53 | 30 | 55.56 |
| 7 | 3012 - Surveying II                           | 54 | 54 | 17 | 31.48 |
| 8 | 3013 - Theory of Structures I                 | 54 | 54 | 12 | 22.22 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 47 | 44 | 44 | 93.62 |
| 2 | 3028 - Electrical Technology Lab                   | 47 | 42 | 35 | 74.47 |
| 3 | 3001 - Environmental Science & Disaster Management | 47 | 43 | 31 | 65.96 |
| 4 | 3024 - Machine Drawing                             | 47 | 44 | 28 | 59.57 |
| 5 | 3029 - Fluid Mechanics Lab                         | 47 | 40 | 26 | 55.32 |
| 6 | 3021 - Electrical & Electronics Engg.              | 47 | 45 | 24 | 51.06 |
| 7 | 3023 - Manufacturing Process                       | 47 | 44 | 21 | 44.68 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 47 | 45 | 20 | 42.55 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 57 | 54 | 46 | 80.7  |
| 2 | 3032 - Electrical Measuring Instruments            | 57 | 55 | 43 | 75.44 |
| 3 | 3001 - Environmental Science & Disaster Management | 57 | 54 | 41 | 71.93 |
| 4 | 3038 - Mechanical Engineering Lab                  | 57 | 41 | 34 | 59.65 |
| 5 | 3039 - Electrical Measurements Lab                 | 57 | 52 | 33 | 57.89 |
| 6 | 3033 - Fundamentals of AC Systems                  | 57 | 54 | 29 | 50.88 |
| 7 | 3034 - Mechanical Engineering                      | 57 | 54 | 24 | 42.11 |
| 8 | 3031 - Analog Devices & Circuits                   | 57 | 53 | 14 | 24.56 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 48 | 37 | 37 | 77.08 |
| 2 | 3058 - Petrol Engine Service Lab                   | 48 | 39 | 35 | 72.92 |
| 3 | 3059 - Hydraulics Lab                              | 48 | 37 | 30 | 62.5  |
| 4 | 3024 - Machine Drawing                             | 48 | 37 | 29 | 60.42 |
| 5 | 3001 - Environmental Science & Disaster Management | 48 | 38 | 29 | 60.42 |
| 6 | 3052 - Production Process of Automobile Components | 48 | 38 | 18 | 37.5  |
| 7 | 3051 - Fluid Mechanics & Machinery                 | 48 | 37 | 16 | 33.33 |
| 8 | 3021 - Electrical & Electronics Engg.              | 48 | 38 | 16 | 33.33 |

### 75 Malabar Polytechnic College, Kottakkal

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3018 - Concrete Lab                                | 53 | 51 | 51 | 96.23 |
| 2 | 3019 - Construction Engg. Lab                      | 53 | 51 | 48 | 90.57 |
| 3 | 3017 - Survey Practical II                         | 53 | 49 | 45 | 84.91 |
| 4 | 3001 - Environmental Science & Disaster Management | 53 | 51 | 36 | 67.92 |
| 5 | 3014 - Building Planning & Drawing                 | 53 | 51 | 25 | 47.17 |
| 6 | 3013 - Theory of Structures I                      | 53 | 51 | 22 | 41.51 |

|   |   |    |    |    |       |
|---|---|----|----|----|-------|
| 7 | 3012 - Surveying II                           | 53 | 51 | 22 | 41.51 |
| 8 | 3011 - Construction Materials and Engineering | 53 | 51 | 19 | 35.85 |

### **Mechanical Engineering**

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3027 - Workshop Practice III                       | 50 | 49 | 49 | 98 |
| 2 | 3001 - Environmental Science & Disaster Management | 50 | 49 | 42 | 84 |
| 3 | 3028 - Electrical Technology Lab                   | 50 | 48 | 41 | 82 |
| 4 | 3029 - Fluid Mechanics Lab                         | 50 | 48 | 36 | 72 |
| 5 | 3024 - Machine Drawing                             | 50 | 48 | 34 | 68 |
| 6 | 3021 - Electrical & Electronics Engg.              | 50 | 48 | 32 | 64 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 50 | 47 | 28 | 56 |
| 8 | 3023 - Manufacturing Process                       | 50 | 48 | 27 | 54 |

### **Electrical & Electronics Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3039 - Electrical Measurements Lab                 | 52 | 52 | 52 | 100   |
| 2 | 3037 - Electrical Workshop Practice                | 52 | 52 | 49 | 94.23 |
| 3 | 3032 - Electrical Measuring Instruments            | 52 | 52 | 48 | 92.31 |
| 4 | 3038 - Mechanical Engineering Lab                  | 52 | 52 | 46 | 88.46 |
| 5 | 3001 - Environmental Science & Disaster Management | 52 | 52 | 40 | 76.92 |
| 6 | 3033 - Fundamentals of AC Systems                  | 52 | 52 | 33 | 63.46 |
| 7 | 3034 - Mechanical Engineering                      | 52 | 52 | 26 | 50    |
| 8 | 3031 - Analog Devices & Circuits                   | 52 | 52 | 21 | 40.38 |

### **Automobile Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 53 | 51 | 50 | 94.34 |
| 2 | 3058 - Petrol Engine Service Lab                   | 53 | 47 | 41 | 77.36 |
| 3 | 3001 - Environmental Science & Disaster Management | 53 | 51 | 39 | 73.58 |
| 4 | 3024 - Machine Drawing                             | 53 | 50 | 35 | 66.04 |
| 5 | 3059 - Hydraulics Lab                              | 53 | 44 | 29 | 54.72 |
| 6 | 3052 - Production Process of Automobile Components | 53 | 51 | 27 | 50.94 |
| 7 | 3021 - Electrical & Electronics Engg.              | 53 | 51 | 24 | 45.28 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 53 | 50 | 19 | 35.85 |

### **Architecture**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3189 - Model Making Workshop & Masonry Lab         | 45 | 43 | 43 | 95.56 |
| 2 | 3188 - Survey Practical                            | 45 | 43 | 42 | 93.33 |
| 3 | 3182 - Surveying for Architecture                  | 45 | 45 | 41 | 91.11 |
| 4 | 3183 - Architectural Drawing I                     | 45 | 43 | 33 | 73.33 |
| 5 | 3001 - Environmental Science & Disaster Management | 45 | 45 | 32 | 71.11 |
| 6 | 3181 - Climatography                               | 45 | 45 | 24 | 53.33 |
| 7 | 3013 - Theory of Structures I                      | 45 | 44 | 14 | 31.11 |
| 8 | 3011 - Construction Materials and Engineering      | 45 | 44 | 11 | 24.44 |

### **76 Government Polytechnic College, Manathavady**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|



## Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 46 | 45 | 41 | 89.13 |
| 2 | 3018 - Concrete Lab                                | 46 | 41 | 41 | 89.13 |
| 3 | 3019 - Construction Engg. Lab                      | 46 | 41 | 41 | 89.13 |
| 4 | 3014 - Building Planning & Drawing                 | 46 | 45 | 40 | 86.96 |
| 5 | 3017 - Survey Practical II                         | 46 | 43 | 39 | 84.78 |
| 6 | 3011 - Construction Materials and Engineering      | 46 | 44 | 28 | 60.87 |
| 7 | 3013 - Theory of Structures I                      | 46 | 46 | 22 | 47.83 |
| 8 | 3012 - Surveying II                                | 46 | 44 | 20 | 43.48 |

## Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 39 | 31 | 31 | 79.49 |
| 2 | 3028 - Electrical Technology Lab                   | 39 | 32 | 31 | 79.49 |
| 3 | 3029 - Fluid Mechanics Lab                         | 39 | 30 | 30 | 76.92 |
| 4 | 3024 - Machine Drawing                             | 39 | 38 | 28 | 71.79 |
| 5 | 3001 - Environmental Science & Disaster Management | 39 | 35 | 28 | 71.79 |
| 6 | 3023 - Manufacturing Process                       | 39 | 37 | 26 | 66.67 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 39 | 39 | 24 | 61.54 |
| 8 | 3021 - Electrical & Electronics Engg.              | 39 | 33 | 17 | 43.59 |

## Computer Engineering

|   |  |    |    |    |    |
|---|--|----|----|----|----|
| 1 | 3139 - Database Management System Lab              | 50 | 44 | 42 | 84 |
| 2 | 3138 - Digital Computer Principles Lab             | 50 | 42 | 41 | 82 |
| 3 | 3137 - Objected Oriented Programming Lab           | 50 | 42 | 39 | 78 |
| 4 | 3001 - Environmental Science & Disaster Management | 50 | 43 | 38 | 76 |
| 5 | 3131 - Computer Architecture                       | 50 | 43 | 32 | 64 |
| 6 | 3133 - Digital Computer Principles                 | 50 | 46 | 28 | 56 |
| 7 | 3132 - Database Management System                  | 50 | 45 | 27 | 54 |
| 8 | 3134 - Objected Oriented Programming through C++   | 50 | 47 | 21 | 42 |

## 77 Government Polytechnic College, Manjeri

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

## Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 54 | 53 | 53 | 98.15 |
| 2 | 3018 - Concrete Lab                                | 54 | 53 | 53 | 98.15 |
| 3 | 3001 - Environmental Science & Disaster Management | 54 | 53 | 52 | 96.3  |
| 4 | 3014 - Building Planning & Drawing                 | 54 | 53 | 50 | 92.59 |
| 5 | 3017 - Survey Practical II                         | 54 | 50 | 50 | 92.59 |
| 6 | 3012 - Surveying II                                | 54 | 51 | 36 | 66.67 |
| 7 | 3013 - Theory of Structures I                      | 54 | 53 | 35 | 64.81 |
| 8 | 3011 - Construction Materials and Engineering      | 54 | 53 | 35 | 64.81 |

## Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 53 | 48 | 48 | 90.57 |
| 2 | 3028 - Electrical Technology Lab                   | 53 | 48 | 48 | 90.57 |
| 3 | 3001 - Environmental Science & Disaster Management | 53 | 52 | 45 | 84.91 |
| 4 | 3024 - Machine Drawing                             | 53 | 50 | 42 | 79.25 |
| 5 | 3021 - Electrical & Electronics Engg.              | 53 | 51 | 36 | 67.92 |
| 6 | 3029 - Fluid Mechanics Lab                         | 53 | 31 | 29 | 54.72 |
| 7 | 3023 - Manufacturing Process                       | 53 | 49 | 27 | 50.94 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 53 | 51 | 22 | 41.51 |

### Instrument Technology

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 53 | 51 | 47 | 88.68 |
| 2 | 3218 - Transducers and Measurements Lab            | 53 | 50 | 40 | 75.47 |
| 3 | 3219 - Analog Circuits Lab                         | 53 | 52 | 39 | 73.58 |
| 4 | 3217 - Digital Circuits Lab                        | 53 | 50 | 38 | 71.7  |
| 5 | 3214 - Instrument Transducers                      | 53 | 51 | 33 | 62.26 |
| 6 | 3212 - Digital Circuits                            | 53 | 53 | 32 | 60.38 |
| 7 | 3213 - Electrical & Electronic Instruments         | 53 | 51 | 29 | 54.72 |
| 8 | 3211 - Analog Circuits                             | 53 | 53 | 26 | 49.06 |

### 78 SCMS College of Polytechnics, Perumbavoor

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3019 - Construction Engg. Lab                      | 41 | 41 | 40 | 97.56 |
| 2 | 3017 - Survey Practical II                         | 41 | 41 | 39 | 95.12 |
| 3 | 3018 - Concrete Lab                                | 41 | 39 | 35 | 85.37 |
| 4 | 3001 - Environmental Science & Disaster Management | 41 | 40 | 35 | 85.37 |
| 5 | 3012 - Surveying II                                | 41 | 41 | 25 | 60.98 |
| 6 | 3011 - Construction Materials and Engineering      | 41 | 41 | 21 | 51.22 |
| 7 | 3014 - Building Planning & Drawing                 | 41 | 41 | 21 | 51.22 |
| 8 | 3013 - Theory of Structures I                      | 41 | 41 | 15 | 36.59 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 58 | 58 | 58 | 100   |
| 2 | 3028 - Electrical Technology Lab                   | 58 | 58 | 55 | 94.83 |
| 3 | 3029 - Fluid Mechanics Lab                         | 58 | 58 | 55 | 94.83 |
| 4 | 3024 - Machine Drawing                             | 58 | 58 | 47 | 81.03 |
| 5 | 3001 - Environmental Science & Disaster Management | 58 | 57 | 43 | 74.14 |
| 6 | 3023 - Manufacturing Process                       | 58 | 58 | 30 | 51.72 |
| 7 | 3021 - Electrical & Electronics Engg.              | 58 | 58 | 26 | 44.83 |
| 8 | 3022 - Fluid Mechanics & Pneumatics                | 58 | 58 | 25 | 43.1  |

### Automobile Engineering

|   |                                  |    |    |    |       |
|---|----------------------------------|----|----|----|-------|
| 1 | 3058 - Petrol Engine Service Lab | 56 | 47 | 47 | 83.93 |
| 2 | 3057 - Manufacturing Lab I       | 56 | 45 | 45 | 80.36 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 3 | 3001 - Environmental Science & Disaster Management | 56 | 55 | 34 | 60.71 |
| 4 | 3059 - Hydraulics Lab                              | 56 | 36 | 29 | 51.79 |
| 5 | 3024 - Machine Drawing                             | 56 | 49 | 15 | 26.79 |
| 6 | 3051 - Fluid Mechanics & Machinery                 | 56 | 50 | 14 | 25    |
| 7 | 3021 - Electrical & Electronics Engg.              | 56 | 54 | 10 | 17.86 |
| 8 | 3052 - Production Process of Automobile Components | 56 | 48 | 10 | 17.86 |

### Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 49 | 49 | 44 | 89.8  |
| 2 | 3038 - Mechanical Engineering Lab                  | 49 | 48 | 44 | 89.8  |
| 3 | 3039 - Electrical Measurements Lab                 | 49 | 48 | 43 | 87.76 |
| 4 | 3001 - Environmental Science & Disaster Management | 49 | 48 | 42 | 85.71 |
| 5 | 3032 - Electrical Measuring Instruments            | 49 | 49 | 31 | 63.27 |
| 6 | 3034 - Mechanical Engineering                      | 49 | 49 | 31 | 63.27 |
| 7 | 3033 - Fundamentals of AC Systems                  | 49 | 49 | 28 | 57.14 |
| 8 | 3031 - Analog Devices & Circuits                   | 49 | 49 | 25 | 51.02 |

### Computer Engineering

|   |  |    |    |    |     |
|---|--|----|----|----|-----|
| 1 | 3001 - Environmental Science & Disaster Management | 10 | 10 | 10 | 100 |
| 2 | 3138 - Digital Computer Principles Lab             | 10 | 8  | 8  | 80  |
| 3 | 3139 - Database Management System Lab              | 10 | 8  | 7  | 70  |
| 4 | 3133 - Digital Computer Principles                 | 10 | 10 | 6  | 60  |
| 5 | 3131 - Computer Architecture                       | 10 | 10 | 6  | 60  |
| 6 | 3132 - Database Management System                  | 10 | 10 | 6  | 60  |
| 7 | 3137 - Objected Oriented Programming Lab           | 10 | 8  | 4  | 40  |
| 8 | 3134 - Objected Oriented Programming through C++   | 10 | 10 | 3  | 30  |

### 79 MGM POLYTECHNIC COLLEGE, KILIMANOOR

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 54 | 50 | 50 | 92.59 |
| 2 | 3019 - Construction Engg. Lab                      | 54 | 50 | 49 | 90.74 |
| 3 | 3018 - Concrete Lab                                | 54 | 51 | 48 | 88.89 |
| 4 | 3001 - Environmental Science & Disaster Management | 54 | 54 | 41 | 75.93 |
| 5 | 3013 - Theory of Structures I                      | 54 | 54 | 15 | 27.78 |
| 6 | 3014 - Building Planning & Drawing                 | 54 | 52 | 14 | 25.93 |
| 7 | 3011 - Construction Materials and Engineering      | 54 | 54 | 12 | 22.22 |
| 8 | 3012 - Surveying II                                | 54 | 54 | 11 | 20.37 |

### Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 58 | 53 | 53 | 91.38 |
| 2 | 3001 - Environmental Science & Disaster Management | 58 | 54 | 46 | 79.31 |
| 3 | 3028 - Electrical Technology Lab                   | 58 | 52 | 41 | 70.69 |
| 4 | 3029 - Fluid Mechanics Lab                         | 58 | 54 | 41 | 70.69 |

|   |                                       |    |    |    |       |
|---|---------------------------------------|----|----|----|-------|
| 5 | 3024 - Machine Drawing                | 58 | 57 | 34 | 58.62 |
| 6 | 3023 - Manufacturing Process          | 58 | 56 | 21 | 36.21 |
| 7 | 3022 - Fluid Mechanics & Pneumatics   | 58 | 56 | 18 | 31.03 |
| 8 | 3021 - Electrical & Electronics Engg. | 58 | 57 | 15 | 25.86 |

### Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3138 - Digital Computer Principles Lab             | 32 | 30 | 30 | 93.75 |
| 2 | 3139 - Database Management System Lab              | 32 | 30 | 30 | 93.75 |
| 3 | 3137 - Objected Oriented Programming Lab           | 32 | 31 | 28 | 87.5  |
| 4 | 3001 - Environmental Science & Disaster Management | 32 | 31 | 23 | 71.88 |
| 5 | 3133 - Digital Computer Principles                 | 32 | 31 | 21 | 65.63 |
| 6 | 3131 - Computer Architecture                       | 32 | 31 | 11 | 34.38 |
| 7 | 3134 - Objected Oriented Programming through C++   | 32 | 30 | 10 | 31.25 |
| 8 | 3132 - Database Management System                  | 32 | 31 | 6  | 18.75 |

### Electronics & Communication

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3001 - Environmental Science & Disaster Management | 45 | 44 | 31 | 68.89 |
| 2 | 3049 - Analogue Communication Lab                  | 45 | 36 | 24 | 53.33 |
| 3 | 3048 - Digital Electronics Lab                     | 45 | 40 | 20 | 44.44 |
| 4 | 3047 - Electronics Circuits Lab                    | 45 | 42 | 17 | 37.78 |
| 5 | 3041 - Communication Engineering                   | 45 | 45 | 9  | 20    |
| 6 | 3042 - Digital Electronics                         | 45 | 45 | 9  | 20    |
| 7 | 3044 - Electronic Devices & Circuits               | 45 | 45 | 7  | 15.56 |
| 8 | 3043 - Electrical Technology                       | 45 | 45 | 5  | 11.11 |

### Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3058 - Petrol Engine Service Lab                   | 54 | 42 | 40 | 74.07 |
| 2 | 3057 - Manufacturing Lab I                         | 54 | 39 | 39 | 72.22 |
| 3 | 3001 - Environmental Science & Disaster Management | 54 | 53 | 38 | 70.37 |
| 4 | 3059 - Hydraulics Lab                              | 54 | 43 | 30 | 55.56 |
| 5 | 3024 - Machine Drawing                             | 54 | 52 | 20 | 37.04 |
| 6 | 3021 - Electrical & Electronics Engg.              | 54 | 51 | 9  | 16.67 |
| 7 | 3051 - Fluid Mechanics & Machinery                 | 54 | 52 | 8  | 14.81 |
| 8 | 3052 - Production Process of Automobile Components | 54 | 53 | 6  | 11.11 |

### 80 GREGORIAN INSTITUTE OF TECHNOLOGY, KANGAZHA

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

### Civil Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3017 - Survey Practical II                         | 57 | 56 | 52 | 91.23 |
| 2 | 3018 - Concrete Lab                                | 57 | 55 | 51 | 89.47 |
| 3 | 3019 - Construction Engg. Lab                      | 57 | 55 | 50 | 87.72 |
| 4 | 3001 - Environmental Science & Disaster Management | 57 | 56 | 45 | 78.95 |
| 5 | 3011 - Construction Materials and Engineering      | 57 | 56 | 33 | 57.89 |
| 6 | 3014 - Building Planning & Drawing                 | 57 | 55 | 20 | 35.09 |

|   |                               |    |    |    |       |
|---|-------------------------------|----|----|----|-------|
| 7 | 3013 - Theory of Structures I | 57 | 56 | 16 | 28.07 |
| 8 | 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 | 3001 - Environmental Science & Disaster Management | 56 | 55 | 45 | 80.36 |
| 4 | 3029 - Fluid Mechanics Lab                         | 56 | 53 | 43 | 76.79 |
| 5 | 3023 - Manufacturing Process                       | 56 | 55 | 32 | 57.14 |
| 6 | 3022 - Fluid Mechanics & Pneumatics                | 56 | 54 | 32 | 57.14 |
| 7 | 3024 - Machine Drawing                             | 56 | 54 | 26 | 46.43 |
| 8 | 3021 - Electrical & Electronics Engg.              | 56 | 55 | 23 | 41.07 |

### **Electrical & Electronics Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 49 | 47 | 47 | 95.92 |
| 2 | 3039 - Electrical Measurements Lab                 | 49 | 43 | 37 | 75.51 |
| 3 | 3001 - Environmental Science & Disaster Management | 49 | 48 | 37 | 75.51 |
| 4 | 3032 - Electrical Measuring Instruments            | 49 | 49 | 25 | 51.02 |
| 5 | 3038 - Mechanical Engineering Lab                  | 49 | 41 | 25 | 51.02 |
| 6 | 3034 - Mechanical Engineering                      | 49 | 48 | 14 | 28.57 |
| 7 | 3031 - Analog Devices & Circuits                   | 49 | 49 | 13 | 26.53 |
| 8 | 3033 - Fundamentals of AC Systems                  | 49 | 47 | 10 | 20.41 |

### **Automobile Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 52 | 42 | 39 | 75    |
| 2 | 3058 - Petrol Engine Service Lab                   | 52 | 45 | 36 | 69.23 |
| 3 | 3001 - Environmental Science & Disaster Management | 52 | 47 | 33 | 63.46 |
| 4 | 3059 - Hydraulics Lab                              | 52 | 39 | 15 | 28.85 |
| 5 | 3052 - Production Process of Automobile Components | 52 | 50 | 14 | 26.92 |
| 6 | 3024 - Machine Drawing                             | 52 | 49 | 13 | 25    |
| 7 | 3021 - Electrical & Electronics Engg.              | 52 | 50 | 10 | 19.23 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 52 | 50 | 8  | 15.38 |

### **Tool & Die Engineering**

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3119 - Metrology Lab                               | 49 | 41 | 41 | 83.67 |
| 2 | 3118 - Tool Engineering Lab II                     | 49 | 41 | 40 | 81.63 |
| 3 | 3117 - Workshop Practice III                       | 49 | 40 | 38 | 77.55 |
| 4 | 3001 - Environmental Science & Disaster Management | 49 | 48 | 38 | 77.55 |
| 5 | 3112 - Tool Engineering Drawing                    | 49 | 48 | 35 | 71.43 |
| 6 | 3111 - Engineering Metrology                       | 49 | 49 | 28 | 57.14 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 49 | 47 | 11 | 22.45 |
| 8 | 3021 - Electrical & Electronics Engg.              | 49 | 49 | 8  | 16.33 |

**81 MAJLIS POLYTECHNIC COLLEGE, PURAMANNUR**

| Subject | Registered | Appeared | Passed | Pass % |
|---------|------------|----------|--------|--------|
|---------|------------|----------|--------|--------|

## Civil Engineering

|   |  |    |    |    |      |
|---|--|----|----|----|------|
| 1 | 3001 - Environmental Science & Disaster Management | 40 | 40 | 38 | 95   |
| 2 | 3019 - Construction Engg. Lab                      | 40 | 37 | 36 | 90   |
| 3 | 3018 - Concrete Lab                                | 40 | 34 | 33 | 82.5 |
| 4 | 3017 - Survey Practical II                         | 40 | 36 | 30 | 75   |
| 5 | 3014 - Building Planning & Drawing                 | 40 | 38 | 26 | 65   |
| 6 | 3011 - Construction Materials and Engineering      | 40 | 40 | 23 | 57.5 |
| 7 | 3012 - Surveying II                                | 40 | 38 | 20 | 50   |
| 8 | 3013 - Theory of Structures I                      | 40 | 40 | 17 | 42.5 |

## Mechanical Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3027 - Workshop Practice III                       | 48 | 48 | 48 | 100   |
| 2 | 3024 - Machine Drawing                             | 48 | 48 | 43 | 89.58 |
| 3 | 3028 - Electrical Technology Lab                   | 48 | 48 | 39 | 81.25 |
| 4 | 3023 - Manufacturing Process                       | 48 | 48 | 36 | 75    |
| 5 | 3001 - Environmental Science & Disaster Management | 48 | 47 | 34 | 70.83 |
| 6 | 3029 - Fluid Mechanics Lab                         | 48 | 47 | 32 | 66.67 |
| 7 | 3022 - Fluid Mechanics & Pneumatics                | 48 | 48 | 25 | 52.08 |
| 8 | 3021 - Electrical & Electronics Engg.              | 48 | 48 | 19 | 39.58 |

## Electrical & Electronics Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3037 - Electrical Workshop Practice                | 42 | 42 | 40 | 95.24 |
| 2 | 3039 - Electrical Measurements Lab                 | 42 | 42 | 36 | 85.71 |
| 3 | 3001 - Environmental Science & Disaster Management | 42 | 42 | 26 | 61.9  |
| 4 | 3032 - Electrical Measuring Instruments            | 42 | 42 | 23 | 54.76 |
| 5 | 3031 - Analog Devices & Circuits                   | 42 | 42 | 14 | 33.33 |
| 6 | 3033 - Fundamentals of AC Systems                  | 42 | 42 | 12 | 28.57 |
| 7 | 3038 - Mechanical Engineering Lab                  | 42 | 37 | 10 | 23.81 |
| 8 | 3034 - Mechanical Engineering                      | 42 | 42 | 6  | 14.29 |

## Automobile Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3057 - Manufacturing Lab I                         | 36 | 35 | 32 | 88.89 |
| 2 | 3058 - Petrol Engine Service Lab                   | 36 | 35 | 32 | 88.89 |
| 3 | 3024 - Machine Drawing                             | 36 | 35 | 29 | 80.56 |
| 4 | 3001 - Environmental Science & Disaster Management | 36 | 33 | 26 | 72.22 |
| 5 | 3059 - Hydraulics Lab                              | 36 | 35 | 17 | 47.22 |
| 6 | 3052 - Production Process of Automobile Components | 36 | 34 | 15 | 41.67 |
| 7 | 3021 - Electrical & Electronics Engg.              | 36 | 35 | 8  | 22.22 |
| 8 | 3051 - Fluid Mechanics & Machinery                 | 36 | 35 | 5  | 13.89 |

## Computer Engineering

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 1 | 3137 - Objected Oriented Programming Lab | 36 | 35 | 32 | 88.89 |
| 2 | 3139 - Database Management System Lab    | 36 | 34 | 29 | 80.56 |
| 3 | 3131 - Computer Architecture             | 36 | 36 | 28 | 77.78 |

|   |  |    |    |    |       |
|---|--|----|----|----|-------|
| 4 | 3138 - Digital Computer Principles Lab             | 36 | 32 | 25 | 69.44 |
| 5 | 3001 - Environmental Science & Disaster Management | 36 | 36 | 20 | 55.56 |
| 6 | 3134 - Objected Oriented Programming through C++   | 36 | 36 | 19 | 52.78 |
| 7 | 3132 - Database Management System                  | 36 | 34 | 12 | 33.33 |
| 8 | 3133 - Digital Computer Principles                 | 36 | 33 | 9  | 25    |