## LIST OF TABLES

| Sr. | Table<br>No. | Name of Table  | Page<br>No. |
|-----|--------------|--|-------------|
| 1.  | 1.6.1        | List of Engineering Units with data period taken for study.  | 3           |
| 2.  | 1.8.5.1      | List of Engineering Units and their Productivity parameters taken for study.   | 6           |
| 3.  | 4.2.1.1      | Job Rejection(%) and Incentives scheme   | 38          |
| 4.  | 4.2.1.2      | Incentives Program which are Most Motivational to employees of Utkur Iron & Steel Co. Pvt. Ltd., Satara                                      | 40          |
| 5.  | 4.2.1.3      | Satisfaction with HR department Support and Motivational policy of Utkur Iron & Steel Co. Pvt. Ltd., Satara                                  | 40          |
| 6.  | 4.2.1.4      | Satisfaction with Top Management Treatment and Support of Utkur Iron & Steel Co. Pvt. Ltd., Satara   | 41          |
| 7.  | 4.2.1.5      | Employee Motivational Factor of Utkur Iron & Steel Co. Pvt. Ltd., Satara   | 42          |
| 8.  | 4.2.1.6      | Opinion regarding existing and implemented Motivational reforms and policies of Utkur Iron & Steel Co. Pvt. Ltd., Satara                     | 43          |
| 9.  | 4.2.1.7      | Opinions(Perception) on Organizations general policies (Which directly and indirectly motivates) of Utkur Iron & Steel Co. Pvt. Ltd., Satara | 44          |
| 10. | 4.2.1.8      | Employee Motivational Extra facilities of Utkur Iron & Steel Co. Pvt. Ltd., Satara.  | 45          |
| 11. | 4.2.1.9      | Means and variance for Extra Efficiency of Utkur Iron & Steel Co. Pvt. Ltd., Satara  | 47          |
| 12. | 4.2.1.10     | t-Test: Paired Two Sample for Means of Extra Efficiency of Utkur Iron & Steel Co. Pvt. Ltd., Satara  | 47          |
| 13. | 4.2.1.11     | Means and variance for Rate of Rejection of Utkur Iron & Steel Co. Pvt. Ltd., Satara   | 48          |
| 14. | 4.2.1.12     | t-Test: Paired Two Sample for Means Rate of Rejection of Utkur Iron & Steel Co. Pvt. Ltd., Satara  | 48          |
| 15. | 4.2.1.13     | Means and variance for Rate of Accidents of Utkur Iron & Steel Co. Pvt. Ltd., Satara   | 49          |
| 16. | 4.2.1.14     | t-Test: Paired Two Sample for Means Rate of Accidents of Utkur Iron & Steel Co. Pvt. Ltd., Satara  | 49          |
| 17. | 4.2.1.15     | Means and variance for Attendance ratio of Utkur Iron & Steel Co. Pvt. Ltd., Satara  | 50          |
| 18. | 4.2.1.16     | t-Test: Paired Two Sample for Means Attendance ratio of Utkur Iron & Steel Co. Pvt. Ltd., Satara   | 50          |
| 19. | 4.2.1.17     | Means and variance for Attrition rate of Utkur Iron & Steel Co. Pvt. Ltd., Satara  | 51          |
| 20. | 4.2.1.18     | t-Test: Paired Two Sample for Means Attrition rate of Utkur<br>Iron & Steel Co. Pvt. Ltd.,Satara   | 51          |

| Sr. | Table<br>No. | Name of Table  | Page<br>No. |
|-----|--------------|--|-------------|
| 21. | 4.2.1.19     | Summarized hypothesis Testing and Impact of Motivational practices on Productivity of Utkur Iron & Steel Co. Pvt. Ltd.,Satara. | 52          |
| 22. | 4.2.2.1      | Incentives Program which are Most Motivational to employees of Mutha Spherocast (I) Pvt. Ltd., Satara.                         | 54          |
| 23. | 4.2.2.2      | Satisfaction with HR department Support and Motivational policy of Mutha Spherocast (I) Pvt. Ltd., Satara.                     | 54          |
| 24. | 4.2.2.3      | Satisfaction with Top Management Treatment and Support of Mutha Spherocast (I) Pvt. Ltd., Satara.                              | 55          |
| 25. | 4.2.2.4      | Employee Motivational Factor of Mutha Spherocast (I) Pvt. Ltd., Satara.  | 56          |
| 26. | 4.2.2.5      | Opinion regarding existing and implemented Motivational reforms and policies of Mutha Spherocast (I) Pvt. Ltd., Satara         | 57          |
| 27. | 4.2.2.6      | Opinions(Perception) on Organizations general policies (Which directly and indirectly motivates)                               | 58          |
| 28. | 4.2.2.7      | Employee Motivational Extra facilities of Mutha Spherocast (I) Pvt. Ltd., Satara.  | 59          |
| 29. | 4.2.2.8      | Means and variance for Total Production of Mutha Spherocast (I) Pvt. Ltd., Satara.   | 61          |
| 30. | 4.2.2.9      | t-Test: Paired Two Sample for Means Total Production of Mutha Spherocast (I) Pvt. Ltd., Satara.                                | 61          |
| 31. | 4.2.2.10     | Means and variance for Rate of Absenteeism of Mutha Spherocast (I) Pvt. Ltd., Satara.  | 62          |
| 32. | 4.2.2.11     | t-Test: Paired Two Sample for Means Rate of Absenteeism of Mutha Spherocast (I) Pvt. Ltd., Satara.                             | 62          |
| 33. | 4.2.2.12     | Means and variance for Attrition rate of Mutha Spherocast (I) Pvt. Ltd., Satara.   | 63          |
| 34. | 4.2.2.13     | t-Test: Paired Two Sample for Means Attrition rate of Mutha Spherocast (I) Pvt. Ltd., Satara.                                  | 63          |
| 35. | 4.2.2.14     | Means and variance for Rate of Accidents of Mutha Spherocast (I) Pvt. Ltd., Satara.  | 64          |
| 36. | 4.2.2.15     | t-Test: Paired Two Sample for Means Rate of Accidents of Mutha Spherocast (I) Pvt. Ltd., Satara.                               | 64          |
| 37. | 4.2.2.16     | Summarized hypothesis Testing and Impact of Motivational practices on Productivity of Mutha Spherocast (I) Pvt. Ltd., Satara.  | 65          |
| 38. | 4.2.3.1      | Incentives Program which are Most Motivational to employees of Kavistu Transmission Pvt. Ltd., Satara.                         | 67          |
| 39. | 4.2.3.2      | Satisfaction with HR department Support and Motivational policy of Kavistu Transmission Pvt. Ltd., Satara.                     | 67          |
| 40. | 4.2.3.3      | Satisfaction with Top Management Treatment and Support of Kavistu Transmission Pvt. Ltd., Satara.                              | 68          |
| 41. | 4.2.3.4      | Employee Motivational Factor of Kavistu Transmission Pvt. Ltd., Satara.  | 69          |

| Sr. | Table No. | Name of Table  | Page<br>No. |
|-----|-----------|--|-------------|
| 42. | 4.2.3.5   | Opinion regarding existing and implemented Motivational reforms and policies of Kavistu Transmission Pvt. Ltd., Satara.                      | 70          |
| 43. | 4.2.3.6   | Opinions (Perception) on Organizations general policies (Which directly and indirectly motivates) of Kavistu Transmission Pvt. Ltd., Satara. | 71          |
| 44. | 4.2.3.7   | Employee Motivational Extra facilities of Kavistu Transmission Pvt. Ltd., Satara.  | 72          |
| 45. | 4.2.3.8   | Means and variance for Total Production of Kavistu Transmission Pvt. Ltd., Satara.   | 74          |
| 46. | 4.2.3.9   | t-Test: Paired Two Sample for Means Total Production of Kavistu Transmission Pvt. Ltd., Satara.  | 74          |
| 47. | 4.2.3.10  | Means and variance for Attrition rate of Kavistu Transmission Pvt. Ltd., Satara.   | 75          |
| 48. | 4.2.3.11  | t-Test: Paired Two Sample for Means Attrition rate of Kavistu Transmission Pvt. Ltd., Satara.  | 75          |
| 49. | 4.2.3.12  | Means and variance for Rate of Absenteeism of Kavistu Transmission Pvt. Ltd., Satara.  | 76          |
| 50. | 4.2.3.13  | t-Test: Paired Two Sample for Means Rate of Absenteeism of Kavistu Transmission Pvt. Ltd., Satara.   | 76          |
| 51. | 4.2.3.14  | Means and variance for Authorized Leave rate of Kavistu Transmission Pvt. Ltd., Satara.  | 77          |
| 52. | 4.2.3.15  | t-Test: Paired Two Sample for Means Authorized Leave rate of Kavistu Transmission Pvt. Ltd., Satara.   | 77          |
| 53. | 4.2.3.16  | Means and variance for Rate of Accidents of Kavistu<br>Transmission Pvt. Ltd., Satara.   | 78          |
| 54. | 4.2.3.17  | t-Test: Paired Two Sample for Means Rate of Accidents of Kavistu Transmission Pvt. Ltd., Satara.   | 78          |
| 55. | 4.2.3.17  | Summarized hypothesis Testing and Impact of Motivational practices on Productivity of Kavistu Transmission Pvt. Ltd., Satara.                | 79          |
| 56. | 4.2.4.1   | Incentives Program which are Most Motivational to employees of Cooper Corporation Pvt. Ltd., Satara.   | 82          |
| 57. | 4.2.4.2   | Satisfaction with HR department Support and Motivational policy of Cooper Corporation Pvt. Ltd., Satara.                                     | 82          |
| 58. | 4.2.4.3   | Satisfaction with Top Management Treatment and Support of Cooper Corporation Pvt. Ltd., Satara.  | 83          |
| 59. | 4.2.4.4   | Employee Motivational Factor of Cooper Corporation Pvt. Ltd., Satara.  | 84          |
| 60. | 4.2.4.5   | Opinion regarding existing and implemented motivational reforms and policies of Cooper Corporation Pvt. Ltd., Satara.                        | 85          |

| Sr. | Table<br>No. | Name of Table  | Page<br>No. |
|-----|--------------|--|-------------|
| 61. | 4.2.4.6      | Opinions (Perception) on Organizations general policies (Which directly and indirectly motivates) of Cooper Corporation Pvt. Ltd., Satara. | 86          |
| 62. | 4.2.4.7      | Employee Motivational Extra facilities of Cooper Corporation Pvt. Ltd., Satara.  | 87          |
| 63. | 4.2.4.8      | Means and variance for Total Production of Cooper Corporation Pvt. Ltd., Satara.   | 89          |
| 64. | 4.2.4.9      | t-Test: Paired Two Sample for Means Total Production of Cooper Corporation Pvt. Ltd., Satara.  | 89          |
| 65. | 4.2.4.10     | Means and variance for Rate of Rejection of Cooper Corporation Pvt. Ltd., Satara.  | 90          |
| 66. | 4.2.4.11     | t-Test: Paired Two Sample for Means Rate of Rejection in Cooper Corporation Pvt. Ltd., Satara.   | 90          |
| 67. | 4.2.4.12     | Means and variance for Cost of Poor Quality of Cooper Corporation Pvt. Ltd., Satara.   | 91          |
| 68. | 4.2.4.13     | t-Test: Paired Two Sample for Means Poor Quality Cost of Cooper Corporation Pvt. Ltd., Satara.   | 91          |
| 69. | 4.2.4.14     | Means and variance for Productivity-Labour Utilization (hrs) of Cooper Corporation Pvt. Ltd., Satara.                                      | 92          |
| 70. | 4.2.4.15     | t-Test: Paired Two Sample for Means Productivity-Labour Utilization(hrs) of Cooper Corporation Pvt. Ltd., Satara.                          | 92          |
| 71. | 4.2.4.16     | Means and variance for Absenteeism Rate of Cooper Corporation Pvt. Ltd., Satara.   | 93          |
| 72. | 4.2.4.17     | t-Test: Paired Two Sample for Means Absenteeism Rate of Cooper Corporation Pvt. Ltd., Satara.  | 93          |
| 73. | 4.2.4.18     | Means and variance for Rate of Accidents of Cooper<br>Corporation Pvt. Ltd., Satara.   | 94          |
| 74. | 4.2.4.19     | t-Test: Paired Two Sample for Means Accidents Rate of Cooper Corporation Pvt. Ltd., Satara.  | 94          |
| 75. | 4.2.4.20     | Summarized hypothesis Testing and Impact of Motivational practices on Productivity of Cooper Corporation Pvt. Ltd., Satara.                | 95          |
| 76. | 4.2.5.1      | Incentives Program which are Most Motivational to employees of Cooper Corporation Pvt. Ltd., Satara.                                       | 99          |
| 77. | 4.2.5.2      | Satisfaction with HR department Support and Motivational policy of Cooper Corporation Pvt. Ltd., Satara.                                   | 99          |
| 78. | 4.2.5.3      | Satisfaction with Top Management Treatment and Support of Alfa Laval (I) Pvt. Ltd., Satara.  | 100         |
| 79. | 4.2.5.4      | Employee Motivational Factor of Alfa Laval (I) Pvt. Ltd., Satara.  | 101         |
| 80. | 4.2.5.5      | Opinion regarding existing and implemented Motivational reforms and policies of Alfa Laval (I) Pvt. Ltd., Satara.                          | 102         |

| Sr. | Table<br>No. | Name of Table  | Page<br>No. |
|-----|--------------|--|-------------|
| 81. | 4.2.5.6      | Opinions (Perception) on Organizations general policies (Which directly and indirectly motivates) of Alfa Laval (I) Pvt. Ltd., Satara.           | 103         |
| 82. | 4.2.5.7      | Employee Motivational Extra facilities of Alfa Laval (I) Pvt. Ltd., Satara.  | 104         |
| 83. | 4.2.5.8      | Means and variance for Total Production of Alfa Laval (I) Pvt. Ltd., Satara.   | 106         |
| 84. | 4.2.5.9      | t-Test: Paired Two Sample for Means Total Production of<br>Alfa Laval (I) Pvt. Ltd., Satara.   | 106         |
| 85. | 4.2.5.10     | Means and variance for Rate of Absenteeism of Alfa Laval (I) Pvt. Ltd., Satara.  | 107         |
| 86. | 4.2.5.11     | t-Test: Paired Two Sample for Means Rate of Absenteeism of Alfa Laval (I) Pvt. Ltd., Satara.   | 107         |
| 87. | 4.2.5.12     | Means and variance for Rate of Accidents of Alfa Laval (I) Pvt. Ltd., Satara.  | 108         |
| 88. | 4.2.5.13     | t-Test: Paired Two Sample for Means Accidents Rate of Alfa Laval (I) Pvt. Ltd., Satara.  | 108         |
| 89. | 4.2.5.14     | Summarized hypothesis Testing and Impact of Motivational practices on Productivity of Alfa Laval (I) Pvt. Ltd., Satara.                          | 109         |
| 90. | 4.2.6.1      | Comparison of opinions of Employees on Most Motivational Incentives Program.   | 110         |
| 91. | 4.2.6.2      | Comparison of Satisfaction of Employees with HR department Support and Motivational policy.  | 111         |
| 92. | 4.2.6.3      | Comparison of Satisfaction of Employees with Top Management Treatment and Support:   | 112         |
| 93. | 4.2.6.4      | Comparison of Employee Motivational Factor.  | 113         |
| 94. | 4.2.6.5      | Spearman's Rank Co-relation of Employee Motivational Factor amongst sample companies:  | 115         |
| 95. | 4.2.6.6      | Independent sample T-Test of Employee Motivational Factor of sample units.   | 117         |
| 96. | 4.2.6.7      | Comparison of Employees Opinion regarding existing and implemented motivational reforms and policies of sample Units.                            | 119         |
| 97. | 4.2.6.8      | Spearman's Rank Co-relation of Employee Opinion regarding existing and implemented motivational reforms and policies in amongst sample companies | 121         |
| 98. | 4.2.6.9      | Independent sample T-Test of employee Opinion regarding existing and implemented motivational reforms and policies of sample units               | 123         |
| 99. | 4.2.6.10     | Employee Opinions (Perception) on Organizations general policies (Which directly and indirectly motivates) of sample units                       | 125         |

| Sr.  | Table<br>No. | Name of Table  | Page<br>No. |
|------|--------------|--|-------------|
| 100. | 4.2.6.11     | Spearman's Rank Co-relation of Employee Opinions on Organizations general policies amongst sample companies. | 127         |
| 101. | 4.2.6.12     | Independent sample T-Test of Employee Opinions on Organizations general policies of sample units             | 129         |
| 102. | 4.2.6.13     | HR Representatives opinion regarding outcomes of applied motivational practices of sample Units.             | 131         |
| 103. | 4.2.6.14     | Motivational programs which is more effective and preferred of Sample Units                                  | 132         |
| 104. | 4.2.6.15     | Considerable factors in forming motivational policy of Sample Units  | 133         |

## LIST OF FIGURES

| Sr. | Figure<br>No. | Name of figures                | Page<br>No. |
|-----|---------------|--------------------------------|-------------|
| 1.  | 3.2.1         | Process of Motivation          | 18          |
| 2.  | 3.5.1         | Maslow's Need Hierarchy Theory | 26          |