# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of Geography

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.A. Geography)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| Semester I | 110A | Physical Geography | 89.41 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II | 110B | Human Geography | 97.51 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Com. Geography)**

| Attainment of course outcome | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam | |
| Semester I | 115C | Commercial Geography | 85.37 | 3 | 2.1 | 100 | 3 | 0.9 | |
| Semester II | 125C | Commercial Geography | 94.11 | 3 | 2.1 | 100 | 3 | 0.9 | |
| | | | | | | | | Average | |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect  Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.A. Geography)**

| Attainment of course outcome | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam | |

| | Course Code | Course Title | | | | | |
|---|---|---|---|---|---|---|---|
| **Semester III** | 23202 | Environmental Geography - I | 80.19 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23203 | Population Geography - I | 88.37 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23204 | Practical Geography - I | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23999 | Applied Disaster Management | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV** | 24202 | Environmental Geography - II | 91.24 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24203 | Population Geography - II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24204 | Practical Geography - II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24999 | Applied Travel and Tourism | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.A. Geography)**

| | | | Attainment of course outcome | | | | | |
|---|---|---|---|---|---|---|---|---|
| Annual (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |

| | 35205 | Geography of Tourism- I | 96.18 | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| **Semester V** | 35201 | Geography of India –I | 77.7 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35203 | Practical Geography – I (Techniques of Spatial Analysis) | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35206 | Research Methodology – I | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36205 | Geography of Tourism- II | 99.42 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester VI** | 36201 | Geography of India –II | 97.5 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36203 | Practical Geography – II (Techniques of Spatial Analysis) | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36206 | Research Methodology – II | 97.5 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| | | | |
|---|---|---|---|
| Level 1 | 40% of students scoring more than average marks | | |
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of Politics

**Calculation for Program Outcome Attainment for the Year 2022-23 (F.Y.B.A. Political Science)**

| Attainment of course outcome |
|---|

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester I | 1161A | Introduction to Indian Constitution | | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II | 1161A | Introduction to Indian Constitution | | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2022-23 (S.Y.B.A. Political Science)**

| Attainment of course outcome |
|---|

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester III** | 23161 | Western Political Thought | | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23162 | Political Journalism | | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23163 | An Introduction to Political Science | | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV** | 23161 | Western Political Thought | | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23162 | Political Journalism | | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23163 | An Introduction to Political Science | | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | |
| | | | | | | | | Average |

| | | |
|---|---|---|
| Level 1 | 40% of students scoring more than average marks | |
| Level 2 | 50% of students scoring more than average marks | |
| Level 3 | 60% of students scoring more than average marks | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.A. Political Science pattern )**

Attainment of course outcome

| Annual (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 80% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 20% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester V** | 35161-DSE-1C | Public Administration | | 3 | 2.4 | 100 | 3 | 0.6 |
| | 35162-DSE-2C | International Relations | | 3 | 2.4 | 100 | 3 | 0.6 |
| | 35164-CC-1E | Local Self Government in Maharashtra | | 3 | 2.4 | 100 | 3 | 0.6 |
| **Semester VI** | 36161-DSE-1D | Public Administration | | 3 | 2.4 | 100 | 3 | 0.6 |
| | 36162-DSE-2D | International Relations | | 3 | 2.4 | 100 | 3 | 0.6 |
| | 36164-CC-1F | Local Self Government in Maharashtra | | 3 | 2.4 | 100 | 3 | 0.6 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 80% of Average | 20% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2022-23 (M.A. Political Science)**

| Attainment of course outcome |
|---|
| |

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester I | 12401 | Traditions of Political Thought | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 12402 | Administrative Theory | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 12403 | Political Institutions in India | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 12404 | Modern Political Ideologies | | 3 | 1.5 | 100 | 3 | 1.5 |
| Semester III | 22401 | Comparative Political Analysis | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 22402 | Theory of International Politics | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 22403 | Public Policy | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 22407 | Political Thought in Modern Maharashtra | | 3 | 1.5 | 100 | 3 | 1.5 |
| Semester III | 32401 | Modern Political Thought | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 32402 | Political Sociology | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 32403 | World Politics-New Developments | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 32405 | Political Thought of Dr. Babasaheb Ambedkar | | 3 | 1.5 | 100 | 3 | 1.5 |
| Semester IV | 42401 | Fundamentals of Political Theory | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 42402 | Political Process in India | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 42403 | Politics and Society | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 42406 | Election Studies | | | | | | |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 50% of Average | 50% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.5 | 1.5 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |

| Level 3 | 1.5 - 2.0 |
|---|---|
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |
| Level 5 | 2.5 - 3.0 |

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of History

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.A. History)**

| Attainment of course outcome | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
| Semester I | 11171 | Early India : From Prehistory to the age of Mauryas | 91.04 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II | 11172 | Early India : Post Mauryan Age to the Rashtrakutas | 91.39 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |

| | |
|---|---|
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

## Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.A. History)

Attainment of course outcome

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester III | 23174 | History of Marathas (1630-1707) | 93.33 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester IV | 24174 | History of Marathas (1707-1818) | 89.28 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| | | | |
|---|---|---|---|
| Level 1 | 40% of students scoring more than average marks | | |
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.A. History )**

Attainment of course outcome

| Annual (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 80% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 20% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester III | 35174 | Indian National Movement (1885-1947) | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester IV | 36174 | India after Independence (1947-1991) | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| | | | | |
|---|---|---|---|---|
| Level 1 | 40% of students scoring more than average marks | | | |
| Level 2 | 50% of students scoring more than average marks | | | |
| Level 3 | 60% of students scoring more than average marks | | | |

| Average Attainment | Average Attainment by indirect Method | 80% of Average | 20% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of Economics

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.A. Economics)**

Attainment of course outcome

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester I | 11151 | Indian Economic Environment I | 83.1 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II | 11152 | Indian Economic Environment II | 89.81 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.A. Economics)**

Sub - Macro Economics (S2)

Attainment of course outcome

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | 23151 | Micro Economics I | 62.5 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester III | 23152 | Macro Economics I | 50 | 2 | 1.4 | 100 | 3 | 0.9 |
| | 23153 | Finacial System (G2) | 76.31 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23154 | Research Methodology (SEC) | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 33151 | Micro Economics II | 82.45 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester IV | 24152 | Macro Economics II | 78.94 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24153 | Finacial System (G2) | 97.1 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24154 | Research Methodology (SEC) | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | 2.0125 | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.0125 | 0.9 | 2.9125 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.A. Economics )**

Attainment of course outcome

| Annual (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester V | 35151 | International Economics | 94.44 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35152 | Public Fainance –I | 94.44 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35153 | Indian Economic Development | 91.07 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35154 | Business Management | 97.22 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester VI | 36151 | International Economics | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36152 | Public Fainance –II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36153 | Indian Economic Development | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36154 | Business Management | 96.7 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | |
| | | | | | 2.1 | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (M.A. Economics Part I)**

| Attainment of course outcome |
|---|

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester I** | 501 MJ | Micro Economic Analysis I | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 502 MJ | Public Finance I | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 503 MJ | International Economics I | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 504 MJP | Modern Banking | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 511 MJ | Agricultural Economics | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 530 RM | Research Methodology | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester II** | 501 MJ | Micro Economic Analysis I | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 502 MJ | Public Finance I | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 503 MJ | International Economics I | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 554 MJP | Tools of Economics Analysis | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 561 MJ | Industrial Economics | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 581 OJT | On Job Tranning | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (M.A. Economics)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 50% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 50% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester III** | 32301 | Macro Economic Analysis I | 100.00% | 3 | 1.5 | 100 | 3 | 1.5 |
| | 32302 | Growth & Development I | 100.00% | 3 | 1.5 | 100 | 3 | 1.5 |
| | 32303 | Research Methodology | 100.00% | 3 | 1.5 | 100 | 3 | 1.5 |
| | 32307 | Industrial Economics | 100.00% | 3 | 1.5 | 100 | 3 | 1.5 |
| **Semester IV** | 42301 | Macro Economic Analysis II | 100.00% | 3 | 1.5 | 100 | 3 | 1.5 |
| | 42302 | Growth & Development II | 100.00% | 3 | 1.5 | 100 | 3 | 1.5 |
| | 42303 | Research Project | 100.00% | 3 | 1.5 | 100 | 3 | 1.5 |
| | 42306 | Economics Of Environment | 100.00% | 3 | 1.5 | 100 | 3 | 1.5 |
| | | | | | | | | Average |

| | | | |
|---|---|---|---|
| Level 1 | 40% of students scoring more than average marks | | |
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 50% of Average | 50% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.5 | 1.5 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

| Level 5 | 2.5 - 3.0 |
|---------|-----------|

# K. T. S. P. Mandal's
# Hutatma Rajguru Mahavidyalaya Rajgurunagar
# Department of Marathi

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.A. Marathi)**

| | | Attainment of course outcome | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
| Semester I | 11021 | Marathi sahitya katha & bhashik koushalyavikas | 88.6 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II | 12021 | Marathi sahitya akankika & bhasha koushalyavikas | 94.68 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---------|------------------------------------------------|--|--|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|--------------------|---------------------------------------|----------------|----------------|-----------------------|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|-----------------------|-------------------|

| Level 1 | 0.5 - 1.0 |
|---------|-----------|
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.A. Marathi)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | Attainment of course outcome | | | | | | |
| **Semester III** | 23021 | DSE-1A Adhunik marathi sahitya: Prakashwata | 59.64 | 2 | 1.4 | 100 | 3 | 0.9 |
| | 23022 | DSE-2A Sahitya vichar | 74.57 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23011 | MIL-2 Marathi bhashik sandyapankaushalye | 97.46 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23023 | CC-1C Bhashik kaushalyavikas ani adhunik marathi sahityaprakar | 74.38 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | SEC | 93.1 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV** | 24021 | DSE-2B Madhyayugin marathi sahitya | 70.12 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24022 | DSE-2B sahitya samiksha | 78.84 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24011 | MIL-2 Navmadhyamik ani samajmadhyamansathi marathi | 97.69 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24023 | CC-1D Bhashik kaushalyavikas ani adhunik marathi sahityaprakar | 91.07 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | SEC | 94.64 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---------|-----------|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.03 | 0.9 | 2.93 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.A. Marathi)**

| | | Attainment of course outcome | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Annual (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 80% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 20% of Attainment Level in internal exam |
| Semester V | 35021 | DSE 1C Madhyugin Marathi Sahityacha Sthul Etihas | 93.93 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35022 | DSE 2C Varnanatmak Bhashavidnyan 1 | 97.5 | 3 | 2.1 | 100 | 4 | 0.9 |
| | 35023 | CC 1C Bhashik Kaushalyavikas ani adhunik marathi sahityaprakar-Pravasvarnan | 96.82 | 3 | 2.1 | 100 | 5 | 0.9 |
| | 35025 | SEC 2C Karykram Sanyojanatil Bhashik Koushaly 1 | 100 | 3 | 2.1 | 100 | 6 | 0.9 |
| Semester VI | 36021 | DSE 1D Madhyugin Marathi Sahityacha Sthul Etihas | 100 | 3 | 2.1 | 100 | 7 | 0.9 |
| | 36022 | DSE 2D Varnanatmak Bhashavidnyan 2 | 94.1 | 3 | 2.1 | 100 | 8 | 0.9 |
| | 36023 | CC 1D Bhashik Kaushalyavikas ani adhunik marathi sahityaprakar-Kavita | 93.54 | 3 | 2.1 | 100 | 9 | 0.9 |
| | 36025 | SEC 2D Karykram Sanyojanatil Bhashik Koushaly 2 | 100 | 3 | 2.1 | 100 | 10 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|

| Level 2 | 50% of students scoring more than average marks | | |
|---|---|---|---|
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |
| | |

**Calculation for Program Outcome Attainment for the Year 2023-24 (M.A. Marathi)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester I** | MAR 501 MJ | Arvachin marathi sahityacha etihas | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 502 MJ | Aitihasik bhasha vidnyan | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 503 MJ | Prashasnik lekhan kaushalya | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 503 MJP | Prashasnik lekhan kaushalya: pratyakshik | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 504 MJP | Prashasan vyavhar ani granthnirmiti prakriya | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 510 MJ | Sahityacha abhyas: dalit sahitya ani gramin sahitya | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 510 MJP | Sahityacha abhyas: dalit sahitya ani gramin sahitya- pratyakshik | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MR 541 RM | Sanshodhan Paddhati | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 541 RMP | Sanshodhan Paddhati: pratyakshik | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester II** | MAR 551 MJ | Arvachin marathi sahityacha etihas(BC 1920 to BC 2010) | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 552 MJ | Samajbhasha Vidnyan | 100 | 3 | 2.1 | 100 | 3 | 0.9 |

| | MAR 553 MJ | Prasarmadyamansathi lekhankaushalya | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| | MAR 553 MJP | Prasarmadyamansathi lekhankaushalya: Pratyakshik | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 554 MJP | Niyatkalikanche swarup ani sampadan | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 560 MJ | Sahityapravahancha abhyas:adivasi sahitya ani strivadi sahitya | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 560 MJP | Sahityapravahancha abhyas:adivasi sahitya ani strivadi sahitya:pratyakshik | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MAR 591 OJT | Vyavsahik prashikshan | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | Vyavsahik prashikshan:pratyakshik | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (M.A. Marathi)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 50% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 50% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Attainment of course outcome | | | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Semester III** | 30401 | Prasar madhyamansathi lekhan kaushlya bhag-1 | 92.85 | 3 | 1.5 | 100 | 3 | 1.5 |
| | 30402 | Sahitya samiksha | 85.71 | 3 | 1.5 | 100 | 3 | 1.5 |
| | 30403 | Nemlelya madhyayugin sahitya krutincha abhyas bhag-1 | 78.57 | 3 | 1.5 | 100 | 3 | 1.5 |
| | 30404 | Loksahityachi multattve bhag-1 | 92.85 | 3 | 1.5 | 100 | 3 | 1.5 |
| **Semester IV** | 40401 | Prasar madhyamansathi lekhan kaushlya bhag-2 | 100 | 3 | 1.5 | 100 | 3 | 1.5 |
| | 40402 | Sahitya sanshodhan | 100 | 3 | 1.5 | 100 | 3 | 1.5 |
| | 40403 | Nemlelya madhyayugin sahitya krutincha abhyas bhag-2 | 100 | 3 | 1.5 | 100 | 3 | 1.5 |
| | 40403 | Loksahityachi multattve bhag-2 | 100 | 3 | 1.5 | 100 | 3 | 1.5 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 50% of Average | 50% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.5 | 1.5 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of English

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.A. English)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | Attainment of course outcome | | | | | | |
| Semester I | 11011 | F. Y. B. A Compulsory English | 71.46 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 11331 | F. Y. B. A- Optional English | 88% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 111 | F.Y.B.Com Compulsory English | 82.83% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II | 11012 | F. Y. B. A Compulsory English | 91.14% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 11332 | F. Y. B. A- Optional English | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 112 | F.Y.B.Com Compulsory English | 91.14% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.A. English)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| Semester III | 23001 | S.Y.B.A. Compulsory English | 60.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23333 | S.Y.B.A. Skill Enhancement Course (Old G2) | 52.94% | 2 | 1.4 | 100 | 3 | 0.9 |
| | 23331 | S.Y.B.A. Discipline Specific Course (Old S1) | 82% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23332 | S.Y.B.A. Discipline Specific Course (Old S2) | 81% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23334 | S.Y.B.A. Skill Enhancement Course | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23221 | S.Y.B.Sc English | 98.43% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23922 | S.Y.B.Sc(CS) English(Language Communication) | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester IV | 24001 | S.Y.B.A. Compulsory English | 56.92 | 2 | 1.4 | 100 | 3 | 0.9 |
| | 24333 | S.Y.B.A. Skill Enhancement Course (Old G2) | 75% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24331 | S.Y.B.A. Discipline Specific Course (Old S1) | 87% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24332 | S.Y.B.A. Discipline Specific Course (Old S2) | 81% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24334 | S.Y.B.A. Skill Enhancement Course | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 23321 | S.Y.B.Sc English | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 24922 | S.Y.B.Sc(CS) English(Language Communication) | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2 | 0.9 | 2.9 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.A. English )**

| Annual (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| Semester V | 35001 | T.Y.B.A. Compulsory English | 63.52% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35333 | T.Y.B.A. Skill Enhancement Course (Old G3) | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35331 | T.Y.B.A. Discipline Specific Course (Old S3) | 87% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35332 | T.Y.B.A. Discipline Specific Course (Old S4) | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 35334 | T.Y.B.A. Skill Enhancement Course | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester VI | 36001 | T.Y.B.A. Compulsory English | 94.67% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36333 | T.Y.B.A. Skill Enhancement Course (Old G3) | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36331 | T.Y.B.A. Discipline Specific Course (Old S3) | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36332 | T.Y.B.A. Discipline Specific Course (Old S4) | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 36334 | T.Y.B.A. Skill Enhancement Course | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2022-23 (M.A. English)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 50% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 50% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| Semester I  (Part I) | 10601 | English Literature from 1550-1798 | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 10602 | English Literature from 1798 to present | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 10603 | Contemporary Studies in English Language | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 10604 | Literary Theory and Criticisn | | 3 | 1.5 | 100 | 3 | 1.5 |
| Semester II  (Part I) | 20601 | English Literature from 1550-1798 | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 20602 | English Literature from 1798 to present | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 20603 | Contemporary Studies in English Language | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 20604 | Literary Theory and Criticisn | | 3 | 1.5 | 100 | 3 | 1.5 |
| Semester III   (Part II) | 30601 | INDIAN WRITING IN ENGLISH | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 30603 | CULURAL STUDIES | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 30605 | ACADEMIC WRITING AND CREATIVE READING | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 30608 | WORLD LITERATURE | | 3 | 1.5 | 100 | 3 | 1.5 |
| Semester IV  (Part II) | 40601 | INDIAN WRITING IN ENGLISH | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 40603 | CULURAL STUDIES | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 40605 | ACADEMIC WRITING AND CREATIVE READING | | 3 | 1.5 | 100 | 3 | 1.5 |
| | 40608 | WORLD LITERATURE | | 3 | 1.5 | 100 | 3 | 1.5 |

| Level 1 | ents scoring more than average marks | | |
|---|---|---|---|
| Level 2 | ents scoring more than average marks | | |

| Level 3 | ents scoring more than average marks | | |
|---|---|---|---|

| Average Attainment | Average Attainment by indirect Method | 50% of Average | 50% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.5 | 1.5 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of Mathematics

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Sc. Mathematics)**

| Semester (Theory/Practical) | Course Code | Course Title | Attainment of course outcome | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
| Semester I (Theory) | MT-111 | Algebra | 86 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MT-112 | Calulus-I | 90.9 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II (Theory) | MT-121 | Analytical Geometry | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MT-122 | Calulus-II | 57.89 | 2 | 1.4 | 100 | 3 | 0.9 |
| Semester (Practical) | MT-113 | Practicals sem -I | 73.68 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MT-123 | Practicals sem -II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |

| | | | Average |
|---|---|---|---|

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.98 | 0.9 | 2.88 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.Sc. Mathematics)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | Attainment of course outcome | | | | | | |
| Semester III (Theory) | MT-231 | Calculus of several variables | 70 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MT-232(A) | Numerical method and its applications | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester IV (Theory) | MT-241 | Linear Algebra | 100 | 3 | 2.1 | 100 | 3 | 0.9 |

| | MT-242(A) | Vector Calculus | 95.23 | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| **Semester (Practical)** | MT-233 | Practicals sem -I | 95.23 | 3 | 2.1 | 100 | 3 | 0.9 |
| | MT-243 | Practicals sem -II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of Statistics

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Sc. Statistics)**

| Semester (Theory/Practical) | Course Code | Course Title | | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Attainment of course outcome | | | | | | | | |
| Semester I (Theory) | ST-111 | Descriptive Statistics I | 85.71 | 3 | 2.1 | 100 | 3 | 0.9 |

| Semester I (Theory) | ST-112 | Discrete Probability | 90.47 | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| Semester II (Theory) | ST-121 | Descriptive Statistics II | 89.47 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ST-122 | Discrete Probability Distributions | 68.42 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester (Practical) | ST-113 | Statistics Practical I | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ST-123 | Statistics Practical II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.Sc. Statistics)**

| Attainment of course outcome |
|---|

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester III** | ST-231 | Discrete Probability Distributions and Time Series | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ST-232 | Continuous Probability Distributions | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ST-233 | Statistics Practical | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV** | ST-241 | Tests of Significance and Statistical Methods | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ST-242 | Sampling Distributions and Exact Tests | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ST-243 | Statistics Practical | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

K. T. S. P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Department of Botany

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Sc. Botany)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 80% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 20% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| Semester I (Theory) | BO-111 | Plant life and utilization I | 98.41% | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-112 | Plany morphology and anatomy | 80.95% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II (Theory) | BO-121 | Plant life & utilization II | 93% | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-122 | Principles of plant science | 88% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester (Practical) | BO-113 | Practical I | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-123 | Practical II | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.Sc. Botany)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester III (Theory)** | BO:231 | Taxonomy of Angiosperm and Plant Ecology | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO:232 | Plant Physiology | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV (Theory)** | BO-241 | Plant Anatomy and Embryology | 93% | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-242 | Plant Biotechnology | 97% | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester (Practical)** | BT-233 | Practicals sem -I | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | BT-243 | Practicals sem -II | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| | | | | |
|---|---|---|---|---|
| Level 1 | 40% of students scoring more than average marks | | | |
| Level 2 | 50% of students scoring more than average marks | | | |
| Level 3 | 60% of students scoring more than average marks | | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.Sc. Botany)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| Semester III (Theory) | BO-351 | Algae and Fungi | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-352 | Archegoniate | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-353 | Spermatophyta and Paleobotany | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-354 | Plant Ecology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-355 | Cell and Molecular Biology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-356 | Genetics | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-3510 | Medicinal Botany | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-3511 | Plant Diversity and Human Health | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-357 | Practical based on BO 351 & BO 352 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-358 | Practical based on BO 353 & BO 354 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-359 | Practical based on BO 355 & BO 356 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester IV (Theory) | BO-361 | Plant Physiology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-362 | Biochemistry | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-363 | Plant Pathology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-364 | Evolution and Population genetics | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-365 | Advanced Plant Biotechnology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-366 | Plant Breeding and Seed Technology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-3610 | Nursery and Gardening Management | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-3611 | Biofertilizers | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-367 | Practical based on BO 361 & BO 362 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | BO-368 | Practical based on BO 363 & BO 364 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |

| | BO-369 | Practical based on BO 365 & BO 366 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of Zoology

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Sc. Zoology)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 80% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 20% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | Attainment of course outcome | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Semester I (Theory)** | ZO- 111 | Animal Diversity I | 88.63% | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-112 | Animal Ecology | 95% | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester II (Theory)** | ZO-121 | Animal Diversity II | 83% | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-122 | Cell Biology | 98% | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester (Practical)** | ZO-113 | Zoology Practical Paper | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-123 | Zoology Practical Paper | 100% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| | | | |
|---|---|---|---|
| Level 1 | 40% of students scoring more than average marks | | |
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.Sc. Zoology)**

| |
|---|
| Attainment of course outcome |

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester III (Theory)** | ZO- 231 | Animal Diversity III | 93.54 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-232 | Applied Zoology I | 90.32 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV (Theory)** | ZO-241 | Animal Diversity IV | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-242 | Applied Zoology II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester (Practical)** | ZO-233 | Zoology Practical Paper | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-243 | Zoology Practical Paper | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| | | | | |
|---|---|---|---|---|
| Level 1 | 40% of students scoring more than average marks | | | |
| Level 2 | 50% of students scoring more than average marks | | | |
| Level 3 | 60% of students scoring more than average marks | | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.Sc. Zoology)**

| Attainment of course outcome |
|---|

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester III (Theory)** | ZO-351 | Pest Management | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-352 | Histology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-353 | Biological Chemistry | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-354 | Genetics | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-355 | Developmental Biology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-356 | Parasitology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-357 | Zoology Practical Paper 1 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-358 | Zoology Practical Paper 2 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-359 | Zoology Practical Paper 3 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-3510 | Aquarium Management | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO- 3511 | Poultry Management | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV (Theory)** | ZO-361 | Medical & Forensic Zoology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-362 | Animal Physiology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-363 | Molecular Biology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-364 | Entomology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-365 | Techniques in Biology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-366 | Evolutionaryin Biology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-367 | Zoology Practical Paper 1 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-368 | Zoology Practical Paper 2 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-369 | Zoology Practical Paper 3 | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-3610 | Environmental Impact Assessment | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | ZO-3611 | Project | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect  Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of Physics

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Sc. Physics)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester I (Theory)** | PHY-111 | Mechanics & Properties of Matter | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-112 | Physics Principles & Applications | 82.76 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY- 113 | Physics Laboratory-IA | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester II (Theory)** | PHY-121 | Heat & Thermodyna,ics | 93.75 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-122 | Electricity & Magnetism | 92.5 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-123 | Physics Laboratory-IB | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.Sc. Physics)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester III (Theory) | PHY-231 | Mathematical Methods in Physics I | 80.95 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-232 | Electronics I | 66.66 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-233 | Physics Laboratory- 2A | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester IV (Theory) | PHY-241 | Oscillations, Waves & Sound | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-242 | Optics | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY -243 | Physics Laboratory- 2B | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.Sc. Physics)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| | PHY-351 | Mathematical Methods in Physics II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-352 | Electrodynamics | 62.5 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-353 | Classical Mechanics | 75 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-354 | Atomic and Molecular Physics | 62.5 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-355 | Computational Physics | 87.5 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester V | PHY-356(D) | Renewable Energy Sources-I | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-3510(K) | Sensors &Transducers | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-3511(L) | Phy Workshop Skill | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-357 | Phy Lab-3A | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-358 | Phy Lab-3B | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-359 | Project-II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-361 | Solid State Physics | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-362 | Quantum Mechanics | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-363 | Thermodynamics and Statistical Physics | 75 | 3 | 2.1 | 100 | 3 | 0.9 |
| | PHY-364 | Nuclear Physics | 100 | 3 | 2.1 | 100 | 3 | 0.9 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Semester II (Theory)** | PHY-365 | Electronics | 100 | 3 | 2.1 | 100 | 3 | 0.9 | |
| | PH-366(S) | Lasers | 100 | 3 | 2.1 | 100 | 3 | 0.9 | |
| | PHY-3610(Z) | Callibration Technique | 100 | 3 | 2.1 | 100 | 3 | 0.9 | |
| | PHY-3611(AB) | Instrumentaion for Agriculture | 100 | 3 | 2.1 | 100 | 3 | 0.9 | |
| | PHY-367 | Phy Lab-4A | 100 | 3 | 2.1 | 100 | 3 | 0.9 | |
| | PHY-368 | Phy Lab-4B | 100 | 3 | 2.1 | 100 | 3 | 0.9 | |
| | PHY-369 | Project-II | 100 | 3 | 2.1 | 100 | 3 | 0.9 | |
| | | | | | | | | Average | |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 80% of Average | 20% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.4 | 0.6 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

K. T. S. P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Department of Chemistry

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Sc. Chemistry)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 80% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 20% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| Semester I (Theory) | CH-101 | Pysical Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-102 | Organic Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II (Theory) | CH-201 | Inorganic Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-202 | Analytical Chemstry | | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester  (Practical) | CH-103 | Practicals sem -I | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-203 | Practicals sem -II | | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect  Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.Sc. Chemistry)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester III (Theory)** | CH-301 | Physical & Analytical Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-302 | Inorganic & Organic Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV (Theory)** | CH - 401 | Physical & Analytical Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH- 402 | Inorganic & Organic Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester (Practical)** | CH-303 | Practicals sem -I | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH- 403 | Practicals sem -II | | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.Sc. Chemistry)**

| Attainment of course outcome |
|---|

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 80% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 20% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | CH-501 | Physical Chemistry- I | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-502 | Analytical Chemistry- I | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-507 | Organic Chemistry- I | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-504 | Inorganic Chemistry-I | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-505 | Industrial Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester V | CH-508 | Chemistry of Biomolecules | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-510 A | Medicinal Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-511 A | Environmental Chemistry | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-503 | Physical Chemistry Practical | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-506 | Inorganic Chemistry Practical | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-509 | Organic Chemistry Practical | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-601 | Physical Chemistry-II | | 2 | 1.4 | 100 | 3 | 0.9 |
| | CH-602 | Physical Chemistry-III | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-603 | Physical Chemistry Practical-II | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-604 | Inorganic Chemistry-II | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-605 | Inorganic Chemistry-III | | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester VI | CH-606 | Inorganic Chemistry Practical-II | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-607 | Organic Chemistry-II | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-608 | Organic Chemistry-III | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-609 | Organic Chemistry Practical-II | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-610A | Chemistry of Soil and Agrochemicals | | 3 | 2.1 | 100 | 3 | 0.9 |
| | CH-611A | Analytical Chemistry-II | | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | 2.0681818 | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.06 | 0.9 | 2.96 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 2.96**

## Calculation for Program Outcome Attainment for the Year 2023-24 (M.Sc. Chemistry)

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| Semester I | CHE-501 | Physical Chemistry-I | 57.14 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHEOD-502 | Inorganic Chemistry-I | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-503 | Organic Chemistry-I | 42.85 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-504 | Physical Chemistry Practical-I | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-505 | Inorganic Chemistry Practical-I | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-506 | Organic Chemistry Practical -I | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHEOD-507(D) | Organic Reaction & Reagents | 57.14 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-508 | Research Methodology | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II | CHE-551 | Physical Chemistry-II | 42.87 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-552 | Inorganic Chemistry-II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-553 | Organic Chemistry-II | 42.85 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-554 | Physical Chemistry Practical-II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-555 | Inorganic Chemistry Practical-II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-556 | Organic Chemistry Practical -II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHE-557(A) | Organometallic and inorganic reaction mechanism | 100 | 3 | 2.1 | 100 | 3 | 0.9 |

| | Code | Title | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | CHE-558 | On Job Training / Internship | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester III** | CHO-350 | Organic reaction mechanism and biogenesis | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHO-351 | Structure determination of organic compounds by spectroscopic methods | 80 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHO-352 | Stereochemisrty and asymmeric synthesis of organic compounds | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHO-353 | Desigining organic synthesis and heterocyclic chemisrty | 60 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHO-354 | Solvent free organic synthesis | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester IV** | CHO-450 | Chemistry of natural products | 60 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHO-451 | Organometallic reagents in organic synthesis | 60 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHO-452 | Medicinal Chemisrty | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHO-453 | Practical III | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CHO-454 | Practical II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 80% of Average | 20% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.4 | 0.6 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

K. T. S. P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

# Department of Computer Science

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Sc. Computer Science)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | CS-111 | Problem Solving using Computer and 'C' Programming | 100.00% | 3 | 2.1 | 100% | 3 | 0.9 |
| | CS-112 | Database Management Systems | 99.26% | 3 | 2.1 | 100% | 3 | 0.9 |
| | CS-113 | Practical course based on CS101 and CS102 | 88.23% | 3 | 2.1 | 100 | 3 | 0.9 |
| | MTC-111 | Matrix Algebra | 98.53% | 3 | 2.1 | 100% | 3 | 0.9 |
| | MTC-112 | Discrete Mathematics | 99.26% | 3 | 2.1 | 100% | 3 | 0.9 |
| | MTC-113 | Mathematics Practical | 95.58% | 3 | 2.1 | 98% | 3 | 0.9 |
| | ELC-111 | Semiconductor Devices and Basic Electronic Systems | 95.58% | 3 | 2.1 | 100% | 3 | 0.9 |
| | ELC-112 | Principles of Digital Electronics | 99.26% | 3 | 2.1 | 100% | 3 | 0.9 |
| | ELC-113 | Practical | 83.82% | 3 | 2.1 | 100% | 3 | 0.9 |
| | CSST-111 | Descriptive Statistics I | 100.00% | 3 | 2.1 | 99% | 3 | 0.9 |
| | CSST-112 | Mathematical Statistics | 100.00% | 3 | 2.1 | 99% | 3 | 0.9 |
| | CSST-113 | Statistics Practical Paper I | 99.26% | 3 | 2.1 | 98.85% | 3 | 0.9 |
| F.Y.B.Sc. (Semester II) | CS-121 | Advanced 'C' Programming | 90.22% | 3 | 2.1 | 100% | 3 | 0.9 |
| | CS-122 | Relational Database Management Systems | 93.98% | 3 | 2.1 | 100% | 3 | 0.9 |
| | CS-123 | Practical course based on CS201 and CS202 | 89.83% | 3 | 2.1 | 100% | 3 | 0.9 |
| | MTC-121 | Linear Algebra | 87.22% | 3 | 2.1 | 100 | 3 | 0.9 |
| | MTC-122 | Graph Theory | 91.72% | 3 | 2.1 | 100% | 3 | 0.9 |
| | MTC-123 | Mathematics Practical | 86.46% | 3 | 2.1 | 100% | 3 | 0.9 |
| | ELC-121 | Instrumentation System | 90.22% | 3 | 2.1 | 100% | 3 | 0.9 |
| | ELC-122 | Basics of Computer Organisation | 96.24% | 3 | 2.1 | 100% | 3 | 0.9 |
| | ELC-123 | Practical | 62.01% | 3 | 2.1 | 100% | 3 | 0.9 |
| | CSST-121 | Methods of Applied Statistics | 97.74% | 3 | 2.1 | | 3 | 0.9 |
| | CSST-122 | Continuous Probability Distributions and Testing of Hypothesis | 96.24% | 3 | 2.1 | | 3 | 0.9 |
| | CSST-123 | Statistics Practical Paper II | 82.70% | 3 | 2.1 | | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | | 40% of students scoring more than average marks | | |
|---|---|---|---|---|

| Level 2 | 50% of students scoring more than average marks | | |
|---|---|---|---|
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.Sc. Computer Science)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| | CS-231 | Data Structures and Algorithms – I | 96.92% | 3 | 2.1 | 97.29 | 3 | 0.9 |
| | CS-232 | Software Engineering | 98.00% | 3 | 2.1 | 97.29 | 3 | 0.9 |
| | CS-233 | Practical course on CS 231 and CS 232 | 96.92% | 3 | 2.1 | 97.29 | 3 | 0.9 |
| | MTC-231 | Groups and Coding Theory | 83.07% | 3 | 2.1 | 97.29 | 3 | 0.9 |
| Semester III | MTC-232 | Numerical Techniques | 84.61% | 3 | 2.1 | 97.29 | 3 | 0.9 |
| | MTC-233 | Mathematics Practical: Python Programming Language-I | 96.92% | 3 | 2.1 | 97.29 | 3 | 0.9 |
| | ELC-231 | Microcontroller Architecture & Programming | 93.84% | 3 | 2.1 | 97.29 | 3 | 0.9 |
| | ELC-232 | Digital Communication and Networking | 92.30% | 3 | 2.1 | 97.29 | 3 | 0.9 |
| | ELC-233 | Practical Course I | 95.38% | 3 | 2.1 | 97.29 | 3 | 0.9 |

| | AECC-II | Language Communication - I | 95.38% | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| | CS-241 | Data Structures and Algorithms – II | 96.92% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-242 | Computer Networks - I | 84.37% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-243 | Practical course on CS 241 and CS 242 | 92.18% | 3 | 2.1 | 100 | 3 | 0.9 |
| | MTC-241 | Computational Geometry | 92.18% | 3 | 2.1 | 100 | 3 | 0.9 |
| | MTC-242 | Operations Research | 85.93% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester IV | MTC-243 | Mathematics Practical: Python Programming Language-II | 98.43% | 3 | 2.1 | 100 | 3 | 0.9 |
| | ELC-241 | Embedded System Design | 89.06% | 3 | 2.1 | 100 | 3 | 0.9 |
| | ELC-242 | Wireless Communication and Internet of Things | 93.75% | 3 | 2.1 | 100 | 3 | 0.9 |
| | ELC-243 | Practical Course II | 87.50% | 3 | 2.1 | 100 | 3 | 0.9 |
| | AECC-I | Environment Science – II | 75.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | AECC-II | Language Communication- II | 95.31% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | 98.43% | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.Sc. Computer Science)**

| Attainment of course outcome |
|---|

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester V | CS-351 | Operating System -I | 96.66% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-352 | Computer Networks- II | 90.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-353 | Web Technologies-I | 93.33% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-354 | Data Science | 96.66% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-355 | JAVA-I | 93.33% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-356 | Theoretical Computer Science | 96.66% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-3510 | Python | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-3511 | Blockchain Technology | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-357 | Practicals Based on CS-351 | 96.66% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-358 | Practicals Based on CS-353 and CS-354 | 96.66% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-359 | Practicals Based on CS-355 | 96.66% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester VI | CS-361 | Operating System-II | 81.81% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-362 | Software Testing | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-363 | Web Technologies-II | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-364 | Data Analytics | 96.96% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-365 | Programming in Java-II | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-366 | Compiler Construction | 72.72% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-3610 | Software Testing Tools | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-3611 | Project | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-367 | Practicals Based on CS-361 | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-368 | Practicals Based on CS-363 and CS- 364 | 90.90% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CS-369 | Practicals Based on CS-365 | 84.84% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

# K. T. S. P. Mandal's
## Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of BBA(CA)

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.BBA(CA))**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester I (Theory)** | CA-101 | Business Communication | 82.92 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-102 | Principles of Management | 68.29 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-103 | C languge | 60.97 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-104 | Database Management System | 90.24 | 1 | 0.7 | 100 | 3 | 0.9 |
| | CA-105 | Statistics | 86.58 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester II (Theory)** | CA-201 | OB and HRM | 86.07 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-202 | Financial Accounting | 93.67 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-203 | Business Mathematics | 96.2 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-204 | Relational Database | 73.41 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-205 | Web Technology HTML-JS-CSS | 84.81 | 3 | 2.1 | 100 | 3 | 0.9 |
| **Semester I (Practical)** | CA-106 | Practicals sem -I | 91.46 | 3 | 2.1 | 100 | 3 | 0.9 |

| Semester II  (Practical) | CA-206 | Practicals sem -II | 86 | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| | | | | | 1.9833333 | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect  Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.9833 | 0.9 | 2.8833 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.BBA(CA))**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |
| | CA-301 | Digital Marketing | 91.54 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-302 | Data Sturcutre | 94.36 | 3 | 2.1 | 100 | 3 | 0.9 |

| Semester III (Theory) | CA-303 | Software Engineering | 77.46 | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| | CA-304 | Angular JS | 80.28 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-305 | Big Data | 94.36 | 0 | 0 | 100 | 3 | 0.9 |
| Semester IV (Theory) | CA-401 | Networking | 71.42 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-402 | OOSE | 69.11 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-403 | Operating System | 77.14 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-404 | Node JS | 77.14 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester I(Practical) | CA-306 | Practicals sem -I | 91.54 | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester II(Practical) | CA-405 | Project | 95.71 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-406 | Practicals sem -II | 91.42 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | 1.925 | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.925 | 0.9 | 2.825 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

### Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.BBA(CA))

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | | | Attainment of course outcome | | | | | |

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|---|---|---|---|---|---|---|---|---|
| **Semester V (Theory)** | CA-501 | Cyber Security | 74.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-502 | OOSE | 60 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-503 | Core Java | 78 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-504 | Python | 70 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | 0.9 |
| **Semester VI (Theory)** | CA-601 | Recent trend in IT | 70.58 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-602 | Software Testing | 90.19 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-603 | Advanced Java | 76.47 | 3 | 2.1 | 100 | 3 | 0.9 |
| | CA-604 | Andriod | 82.35 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | 0.9 |
| **Semester (Practical)** | 535 | Project | 96 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 536 | Practicals sem -I | 90 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 635 | Project | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | 636 | Practicals sem -II | 100 | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| | | | |
|---|---|---|---|
| Level 1 | 40% of students scoring more than average marks | | |
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

K. T. S. P. Mandal's

# Hutatma Rajguru Mahavidyalaya Rajgurunagar
## Department of Commerce

**Calculation for Program Outcome Attainment for the Year 2023-24 (F.Y.B.Com) Commerce**

| Semester (Theory/ Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 80% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 20% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester - I | 111 | Compulsory English - I | | 3 | 2.4 | 100 | 3 | 0.6 |
| | 112 | Financial Accountring - I | 71.09% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 113 | Business Economics - I | 76.49% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 114A | Business mthematics and Statistics -I | 71.55% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 115A | Organisational Skill Development - I | 100.00% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 115B | Bankiing and Finance - I | 84.34% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 115C | Commercial Geography - I | 85.37% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 116D | Consumer Protection and Business Ethics - I | 90.65% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 116E | Business Environment and Entrepreneurship - I | 86.07% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 117B | Marathi - I | | 3 | 2.4 | 100 | 3 | 0.6 |
| Semester - II | 121 | Compulsory English - II | 91.14% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 122 | Financial Accountring - II | 81.79% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 123 | Business Economics - II | 88.94% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 124A | Business mthematics and Statistics -II | 61.46% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 125A | Organisational Skill Development - II | 100.00% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 125B | Bankiing and Finance - II | 90.14% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 125C | Commercial Geography - II | 94.11% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 126D | Consumer Protection and Business Ethics - II | 91.84% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 126E | Business Environment and Entrepreneurship - II | 83.09% | 3 | 2.4 | 100 | 3 | 0.6 |
| | 127B | Marathi - II | | 3 | 2.4 | 100 | 3 | 0.6 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks |
|---|---|

| Level 2 | 50% of students scoring more than average marks |
|---|---|
| Level 3 | 60% of students scoring more than average marks |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 > 1.0 |
| Level 2 | 1.0 > 1.5 |
| Level 3 | 1.5 > 2.0 |
| Level 4 | 2.0 > 2.5 |
| Level 5 | 2.5 > 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (S.Y.B.Com) Commerce**

| Semester (Theory/ Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | 231 | Business Communication - I | 88.27% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 232 | Corporate Accounitng - I | 79.30% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 233 | Business Economics - I | 81.65% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester - III | 234 | Business Management - I | 90.52% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 235 | Elements of company Law - I | 84.78% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 236A | Business Administration - I | 95.13% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 236E | Cost and Works Accounting - I | 89.35% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 241 | Business Communication - II | 89.28% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 242 | Corporate Accounitng - II | 70.62% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 243 | Business Economics - II | 94.02% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester - IV | 244 | Business Management - II | 98.18% | 3 | 2.1 | 100 | 3 | 0.9 |

Attainment of course outcome

| | 245 | Elements of company Law - II | 97.70% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 246A | Business Administration - II | 89.26% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 246E | Cost and Works Accounting - II | 95.65% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks |
| Level 2 | 50% of students scoring more than average marks |
| Level 3 | 60% of students scoring more than average marks |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 > 1.0 |
| Level 2 | 1.0 > 1.5 |
| Level 3 | 1.5 > 2.0 |
| Level 4 | 2.0 > 2.5 |
| Level 5 | 2.5 > 3.0 |

**Calculation for Program Outcome Attainment for the Year 2023-24 (T.Y.B.Com Commerce)**

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 70% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 30% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| | 352 | Advanced Accounting - I | 80.87% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 351 | Business Regulatory Framework - I | 94.29% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 353-A | Indian & Global Economic Development | 95.91% | | | | | |
| | 353B | International Economics | 97.70% | 3 | 2.1 | 100 | 3 | 0.9 |
| Semester V | 355E | Cost & Works Accounting - II | 95.20% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 356E | Cost & Works Accounting - III | 92.95% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 355A | Business Administration - II | 98.12% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 356A | Business Administration - III | 97.18% | 3 | 2.1 | 100 | 3 | 0.9 |

| | 354 | Auditing & Taxation | 95.16% | 3 | 2.1 | 100 | 3 | 0.9 |
|---|---|---|---|---|---|---|---|---|
| | 362 | Advanced Accounting - II | 91.51% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 361 | Business Regulatory Framework - II | 99.10% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 363-A | Indian & Global Economic Development | 98.65% | | | | | |
| **Semester VI** | 363B | International Economics | 100.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 365E | Cost & Works Accounting - II | 98.35% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 366E | Cost & Works Accounting - III | 98.76% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 365A | Business Administration - II | 99.00% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 366A | Business Administration - III | 99.50% | 3 | 2.1 | 100 | 3 | 0.9 |
| | 364 | Auditing & Taxation | 88.61% | 3 | 2.1 | 100 | 3 | 0.9 |
| | | Average | | | | | | Average |

| Level 1 | 40% of students scoring more than average marks | | |
|---|---|---|---|
| Level 2 | 50% of students scoring more than average marks | | |
| Level 3 | 60% of students scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 70% of Average | 30% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 2.1 | 0.9 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

**Calculation for Program Outcome Attainment for the Year 2023-24 (M.Com.)**

| Attainment of course outcome |
|---|

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 60% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 40% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| **Semester I  (Part I)** | 121 | Management Accounting | | 3 | 1.8 | 100 | 3 | 1.2 |
| | 122 | Strategic Management | | 3 | 1.8 | 100 | 3 | 1.2 |
| | 123 | Advanced Accounting | | 3 | 1.8 | 100 | 3 | 1.2 |
| | 124 | Income Tax | | | | | | |
| | | | | | | | | |
| | | | | 3 | 1.8 | 100 | 3 | 1.2 |
| **Semester II  (Part I)** | 221 | Financial Analysis and Control | | 3 | 1.8 | 100 | 3 | 1.2 |
| | 222A | Industrial Economics | | 3 | 1.8 | 100 | 3 | 1.2 |
| | 223 | Spl. Areas in Accounting | | 3 | 1.8 | 100 | 3 | 1.2 |
| | 224 | Business tax Ass & Planning | | | | | | |
| | | | | | | | | |
| | | | | 3 | 1.8 | 100 | 3 | 1.2 |
| | | | | | | | | Average |

| Level 1 | ents scoring more than average marks | | |
|---|---|---|---|
| Level 2 | ents scoring more than average marks | | |
| Level 3 | ents scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect  Method | 60% of Average | 40% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.8 | 1.2 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

## Calculation for Program Outcome Attainment for the Year 2023-24 (M.Com.)

| Semester (Theory/Practical) | Course Code | Course Title | % of students above average University marks | Level of Attainment | 60% of Attainment Level in end term exam | % of students above average internal marks | Level of attainment | 40% of Attainment Level in internal exam |
|---|---|---|---|---|---|---|---|---|
| Semester III (Part II) | 321 | Business Finance | 99.03 | 3 | 1.8 | 100 | 3 | 1.2 |
| | 322 | RM for Business | 90.07 | 3 | 1.8 | 100 | 3 | 1.2 |
| | 323 | Adv Auduting | 100 | 3 | 1.8 | 100 | 3 | 1.2 |
| | 324 | Spl Auditing | 96.07 | 3 | 1.8 | 100 | 3 | 1.2 |
| Semester IV (Part II) | 421 | Capital Market & Fin. Services | 96.87 | 3 | 1.8 | 100 | 3 | 1.2 |
| | 422A | Industrial Economics Environment | 100 | 3 | 1.8 | 100 | 3 | 1.2 |
| | 423 | Recent Advances in Acc., Aud., & Tax. | 96.87 | 3 | 1.8 | 100 | 3 | 1.2 |
| | 424 | Project Work | 100 | 3 | 1.8 | 100 | 3 | 1.2 |
| | | | | | | | | Average |

| Level 1 | ents scoring more than average marks | | |
|---|---|---|---|
| Level 2 | ents scoring more than average marks | | |
| Level 3 | ents scoring more than average marks | | |

| Average Attainment | Average Attainment by indirect Method | 60% of Average | 40% of Average | Average PO Attainment |
|---|---|---|---|---|
| 3 | 3 | 1.8 | 1.2 | 3 |

| Program outcome Level | Target Attainment |
|---|---|
| Level 1 | 0.5 - 1.0 |
| Level 2 | 1.0 - 1.5 |
| Level 3 | 1.5 - 2.0 |
| Level 4 | 2.0 - 2.5 |
| Level 5 | 2.5 - 3.0 |

**Program Specific attainment = 3**

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