

**Shiksha Mandal's
Bajaj College of Science, Wardha
(An Autonomous Institution)**



**Proposed Curriculum Framework under NEP for Two Year
Master of Science Programme**

CREDIT STRUCTURE FOR M. Sc. SEMESTERS I TO IV

(As per NEP 2020)

MAY 2023

**Master of Science
Two Year (Four Semester Post-Graduate Degree Programme)
Teaching Scheme**

M.Sc. Sem-I

| S N | Course Category | Name of Course | Course Code | Teaching Scheme (hrs.) | | Total Credit |
|--------------|--------------------|----------------------|----------------|---------------------------|----|-----------------|
| | | | | (Th) | P | |
| 1 | DSC – 1 | Paper I | | 4 | | 4 |
| 2 | DSC – 2 | Paper II | | 4 | | 4 |
| 3 | DSC – 3 | Practical I | | | 6 | 3 |
| 4 | DSC – 4 | Practical II | | | 6 | 3 |
| 5 | DSE – 1 | Elective I | | 4 | | 4 |
| 6 | RM | Research Methodology | | 4 | | 4 |
| Total | | | | 16 | 12 | 22 |

M.Sc. Sem-II

| S N | Course Category | Name of Course | Course Code | Teaching Scheme (hrs.) | | Total Credit |
|--------------|--------------------|--|----------------|---------------------------|----|-----------------|
| | | | | (Th) | P | |
| 1 | DSC – 5 | Paper III | | 4 | | 4 |
| 2 | DSC – 6 | Paper IV | | 4 | | 4 |
| 3 | DSC – 7 | Practical III | | | 6 | 3 |
| 4 | DSC – 8 | Practical IV | | | 6 | 3 |
| 5 | DSE – 2 | Elective II | | 4 | | 4 |
| 6 | OJT or FP or CS | Apprenticeship or Field Project or Case Study | | | 8 | 4 |
| Total | | | | 12 | 20 | 22 |

M.Sc. Sem-III

| S N | Course Category | Name of Course | Course Code | Teaching Scheme (hrs.) | | Total Credit |
|--------------|--------------------|------------------|----------------|---------------------------|----|-----------------|
| | | | | (Th) | P | |
| 1 | DSC – 9 | Paper V | | 4 | | 4 |
| 2 | DSC – 10 | Paper VI | | 4 | | 4 |
| 3 | DSC – 11 | Paper VII | | 4 | | 4 |
| 4 | DSC – 12 | Practical V | | | 4 | 2 |
| 5 | DSE – 3 | Elective III | | 2 | 4 | 4 |
| 6 | RP | Research Project | | | 8 | 4 |
| Total | | | | 14 | 16 | 22 |

M.Sc. Sem-IV

| S N | Course Category | Name of Course | Course Code | Teaching Scheme (hrs.) | | Total Credit |
|--------------|--------------------|------------------|----------------|---------------------------|----|-----------------|
| | | | | (Th) | P | |
| 1 | DSC – 13 | Paper VIII | | 4 | | 4 |
| 2 | DSC – 14 | Paper IX | | 4 | | 4 |
| 3 | DSC – 15 | Paper X | | 4 | | 4 |
| 4 | DSC – 16 | Practical VI | | | 4 | 2 |
| 5 | DSE – 4 | Elective IV | | 2 | | 2 |
| 6 | RP | Research Project | | | 12 | 6 |
| Total | | | | 14 | 16 | 22 |

Total Credits:

1. One Year PG Diploma Program: 44
2. Two Year PG Degree Program: 88

Abbreviations: Discipline Specific Course: DSC, Discipline Specific Elective: DSE, On Job Training (Apprenticeship): OJT, Field Project: FP, Case Study: CS, Research Methodology: RM, Research Project: RP

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Subjects in which M. Sc. Programme will be offered in the institute

M. Sc. Programme will be offered in the following subjects from the academic session 2023-24 as per NEP 2020.

- Botany
- Chemistry
- Mathematics
- Microbiology
- Zoology