



Format of Course Wise Programme outcome Mapping

Janata Shikshan Prasarak Mandals

Marutraoji Ghule Patil Arts, Commerce and Science College Ahmednagar

Name of Programme Bachelor of Science

CBCS 2019

Academic year



Course wise P.O. and P.S.O. Mapping Chart

| YEAR | Name of course | Course Code | P.O.1 | P.O.2 | P.O.3 | P.O.4 | P.O.5 | P.O.6 | P.O.7 | P.O.8 | P.O.9 | P.S.O.1 | P.S.O.2 | P.S.O.3 | P.S.O.4 |
|--|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|
| FIRST YEAR BACHELOR OF SCIENCE SEM 1 AND SEM 2 | ANIMAL DIVERSITY-I | 11151 | 2.2 | 1.8 | 2.2 | 2.0 | 2.4 | 2.4 | 2.0 | - | - | - | 2.0 | 1.67 | 1.8 |
| | ANIMAL ECOLOGY | 11152 | 1.8 | 2.2 | 1.2 | 2.2 | 1.2 | 2.6 | 1.0 | - | - | - | 2.0 | 1.4 | 1.6 |
| | ZOOLOGY PRACTICAL PAPER | 11153 | 2.0 | 1.8 | 1.5 | 1.7 | 1.5 | 1.3 | 2.3 | - | - | - | 1.8 | 1.25 | 2.0 |
| | ANIMAL DIVERSITY II | 12151 | 2.0 | 2.2 | 1.8 | 2.0 | 1.6 | 2.0 | 1.8 | - | - | - | 1.8 | 2.0 | 2.0 |
| | CELL BIOLOGY | 12152 | 2.0 | 2.0 | 1.0 | 1.8 | 1.0 | 2.5 | 1.8 | - | - | - | - | - | - |
| | ZO-123 ZOOLOGY PRACTICAL PAPER | 12153 | 2.3 | 1.5 | 1.7 | 2.5 | 2.0 | 2.3 | 1.5 | - | - | - | 2.3 | 2.0 | 2.0 |
| | BO-111 PLANT LIFE AND UTILIZATION-I | 11141 | 2.0 | 1.0 | 2.0 | 2.7 | 2.4 | 1.7 | 2.3 | 2.0 | 2.0 | 2.0 | 1.5 | 2.3 | 1.4 |
| | BO-112 PLANT MORPHOLOGY AND ANATOMY | 11142 | 1.8 | 1.5 | 1.5 | 3.0 | 2.2 | 2.0 | 1.3 | 1.5 | 1.0 | 1.3 | 2.3 | 1.0 | 2.0 |
| | BO-113 PRACTICAL BASED ON BO111 AND BO112 | 11143 | 1.5 | 2.0 | 2.0 | 1.3 | 2.3 | 2.0 | 1.8 | 2.0 | 1.3 | 1.5 | 1.8 | 1.3 | 2.0 |
| | BO-121 PLANT LIFE AND UTILIZATION II | 12141 | 2.0 | 1.0 | 2.0 | 2.5 | 2.4 | 2.0 | 1.0 | 2.3 | 2.0 | 1.5 | 3.0 | 3.0 | 1.4 |
| | BO-122 PRINCIPLES OF PLANT SCIENCE | 12142 | 1.3 | 2.0 | 1.8 | 3.0 | 1.8 | 1.7 | 1.0 | 3.0 | 1.5 | 1.8 | 1.8 | 2.0 | 1.7 |
| | BO-123 PRACTICAL BASED ON BO 121 & BO 122 | 12143 | 1.8 | 1.7 | 2.0 | 1.2 | 1.6 | 1.8 | 3.0 | 3.0 | 2.0 | 1.0 | 1.8 | 1.5 | 1.6 |

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Phone Code-893

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and Science College, Ahmednagar

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|--|-------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|
| FIRST YEAR BACHELOR OF SCIENCE SEM 1 AND SEM 2 | Mechanics and Properties Of Matter | 11121 | 2.9 | 2.7 | 2.9 | 2.6 | 2.4 | 1.4 | 1.0 | 1.3 | 1.7 | 1.0 | 3.0 | 2.0 | 2.6 |
| | HEAT AND THERMODYNAMICS | 12121 | 3.0 | 2.7 | 2.7 | 2.4 | 1.7 | 1.6 | 1.0 | 1.4 | 1.9 | 3.0 | 3.0 | 2.8 | 3.0 |
| | Physics Principles and Applications | 11122 | 3.0 | 2.3 | 2.2 | 2.0 | 1.4 | 1.8 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 1.8 | 1.3 |
| | PHY-122 ELECTRICITY AND MAGNETISM | 12122 | 3.0 | 1.8 | 2.0 | 2.0 | 1.2 | 1.0 | 1.0 | 1.5 | 1.3 | 2.7 | 3.0 | 2.3 | 2.0 |
| | CH.101 Physical Chemistry | 11131 | 2.0 | 1.7 | 1.5 | 1.0 | 2.0 | 1.0 | - | - | - | - | 1.2 | 2.0 | 1.6 |
| | CH.102 Organic Chemistry | 11132 | 2.0 | 1.0 | - | 1.0 | 1.0 | 1.5 | - | - | - | - | 1.0 | 1.0 | 1.3 |
| | CH.201 Inorganic Chemistry | 12131 | 1.2 | 2.0 | - | 2.0 | 1.0 | 1.0 | - | - | - | - | 1.6 | | 1.6 |
| | CH.202 Analytical Chemistry | 21132 | 1.2 | 2.0 | - | 1.2 | 1.3 | 1.7 | - | - | - | - | 1.8 | 2.0 | 1.7 |
| | CH-103 CHEMISTRY PRACTICAL | 11133 | 1.6 | 2.3 | - | 1.0 | 1.0 | 1.5 | - | - | - | - | 1.4 | 2.7 | 1.8 |
| | CH-203 CHEMISTRY PRACTICAL II | 12133 | 1.0 | 2.3 | 1.0 | 1.0 | 1.0 | 1.0 | - | - | - | - | 1.3 | 1.3 | 1.2 |
| 4 | ZO-231 ANIMAL DIVERSITY III | 23151 | 2.0 | 2.0 | 2.0 | 1.0 | 2.5 | 2.0 | 2.0 | - | - | - | 2.0 | - | 2.0 |
| | ZO-232 APPLIED ZOOLOGY I | 23152 | 2.0 | 2.0 | 1.0 | 2.5 | 1.0 | 2.5 | 3.0 | - | - | - | 2.0 | 2.0 | 1.5 |

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|---|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|-----|
| SECOND YEAR BACHELOR OF SCIENCE SEM 3 AND SEM | ZO-233 ZOOLOGY PRACTICAL PAPER | 23153 | 2.0 | 1.3 | 2.7 | 2.0 | 1.7 | 2.3 | 1.3 | - | - | - | 2.0 | 1.3 | 1.7 | |
| | ZO-241 ANIMAL DIVERSITY IV | 24151 | 2.0 | 1.3 | 2.7 | 2.0 | 1.7 | 2.3 | 1.3 | - | - | - | 2.0 | 1.3 | 1.7 | |
| | ZO-242 APPLIED ZOOLOGY II | 24152 | 2.0 | 1.0 | 2.0 | 1.0 | - | 2.0 | 2.0 | - | - | - | 2.0 | - | 2.0 | |
| | ZO-243 ZOOLOGY PRACTICAL PAPER | 24153 | 2.3 | 1.3 | 1.7 | 1.7 | 2.0 | 1.7 | 1.3 | - | - | - | 2.0 | 1.7 | 2.0 | |
| | BO-231 BOTANY THEORY PAPER - 1 | 23141 | 1.9 | 2.2 | 2.4 | 2.1 | 1.6 | 1.3 | 2.4 | 1.0 | 1.7 | 1.3 | 1.6 | 1.8 | 1.8 | |
| | BO-232 BOTANY THEORY PAPER - 2 | 23142 | 1.5 | 1.8 | 2.7 | 1.8 | 2.3 | 1.8 | 2.0 | 1.8 | 2.0 | 1.7 | 1.7 | 2.0 | 2.0 | |
| | BO-233 BOTANY PRACTICAL PAPER | 23143 | 1.8 | 1.8 | 2.4 | 1.8 | 2.2 | 1.8 | 1.8 | 2.6 | 1.8 | 2.0 | 2.0 | 1.8 | 2.5 | |
| | BO-241 BOTANY THEORY PAPER - 1 | 24141 | 1.5 | 1.5 | 1.6 | 1.8 | 1.0 | 1.8 | 1.2 | 1.3 | 1.7 | 1.4 | 2.0 | 1.3 | 2.1 | |
| | BO-242 BOTANY THEORY PAPER - 2 | 24142 | 1.9 | 2.3 | 1.8 | 2.7 | 1.4 | 1.8 | 2.6 | 2.0 | 2.4 | 1.5 | 2.7 | 2.4 | 2.0 | |
| | BO-243 BOTANY PRACTICAL PAPER | 24143 | 2.2 | 2.3 | 2.0 | 1.3 | 2.0 | 2.0 | 2.4 | 2.2 | 3.0 | 1.7 | 1.5 | 2.2 | 3.0 | |
| | PHY-231 MATHEMATICAL METHODS IN PHYSICS | 23121 | 3.0 | 2.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.0 | 3.0 | 3.0 | 3.0 | 2.0 |
| | PHY-241 OSCILLATIONS, WAVES & SOUND | 24121 | 2.8 | 2.8 | 1.6 | 1.6 | 1.7 | 1.5 | 1.0 | 1.5 | 1.8 | 2.5 | 2.8 | 2.0 | 2.0 | |

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|---|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|-----|
| | | | P.O.1 | P.O.2 | P.O.3 | P.O.4 | P.O.5 | P.O.6 | P.O.7 | P.O.8 | P.O.9 | P.S.O.1 | P.S.O.2 | P.S.O.3 | P.S.O.4 | |
| SECOND YEAR BACHELOR OF SCIENCE SEM 3 AND SEM 4 | PHY-232 (A) ELECTRONICS | 23122A | 3.0 | 2.3 | 2.3 | 2.2 | 1.2 | 1.3 | 1.5 | 1.0 | 1.5 | 3.0 | 3.0 | 3.0 | 1.8 | |
| | PHY-242 OPTICS | 24122 | 2.9 | 2.5 | 2.3 | 1.7 | 1.5 | 1.2 | 1.0 | 1.0 | 1.2 | 1.0 | 3.0 | 1.5 | 1.9 | |
| | CH-301 PHYSICAL AND ANALYTICAL CHEMISTRY | 23131 | 2.0 | 2.3 | 1.0 | 2.0 | 1.2 | 1.7 | - | - | - | - | 2.6 | 2.0 | 1.3 | |
| | CH-302 INORGANIC AND ORGANIC CHEMISTRY | 23132 | 2.6 | 1.9 | 1.6 | 2.9 | 1.2 | 1.3 | - | - | - | - | 2.9 | 1.6 | 1.6 | |
| | CH-303 CHEMISTRY PRACTIAL - III | 23133 | 2.9 | 3.0 | 2.6 | 2.7 | 1.6 | 3.0 | - | - | - | - | 2.6 | 2.7 | 2.0 | |
| | CH-401 PHYSICAL AND ANALYTICAL CHEMISTRY | 24131 | 2.7 | 1.7 | 1.3 | 3.0 | 2.7 | 2.0 | - | - | - | - | 2.7 | 1.6 | 1.6 | |
| | CH-402 INORGANIC AND ORGANIC CHEMISTRY | 24132 | 2.9 | 1.4 | 1.1 | 2.9 | 1.2 | 1.4 | - | - | - | - | 2.9 | 2.7 | 1.7 | |
| | CH-403 CHEMISTRY PRACTIAL - IV | 24133 | 3.0 | 1.9 | 2.1 | 1.6 | 2.9 | - | - | - | - | - | 2.9 | 2.6 | 2.0 | 2.4 |
| | AECC UPAYOJIT MARATHI LANGUAGE | 23321 | 2.0 | 1.7 | 2.0 | 2.0 | 1.3 | 2.0 | - | - | - | - | - | - | - | |
| | AECC-ENGLISH LANGUAGE | 24321 | 2.6 | 2.0 | 1.6 | 1.7 | 1.4 | - | - | - | - | - | 2.2 | 1.0 | 1.0 | |
| CH-510A INTRODUCTION OF MEDICINAL CHEMISTRY | 351310A | 2.6 | 1.5 | 2.3 | 2.4 | - | 2.0 | - | - | - | - | 1.5 | - | 3.0 | | |
| CH-511A ENVIRONMENTAL CHEMISTRY | 351311A | 2.5 | 1.3 | - | 1.7 | 3.0 | 2.0 | - | - | - | - | 1.7 | - | 1.0 | | |

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|--------------------------------------|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|
| Third Year Bsc CHEMISTRY SEM 5 AND 6 | CH-502 ANALYTICAL CHEMISTRY -I | 35132 | 2.3 | 1.7 | - | 2.5 | 3.0 | 1.7 | - | - | - | - | 1.3 | - | 1.8 |
| | CH-503 PHYSICAL CHEMISTRY PRACTIAL -I | 35133 | 2.0 | 2.0 | - | 1.7 | 1.8 | 2.1 | - | - | - | - | 1.4 | 1.3 | 1.4 |
| | CH-504 INORGANIC CHEMISTRY -I | 35134 | 2.0 | 2.0 | - | 1.8 | 2.0 | 1.3 | - | - | - | - | 1.8 | 2.0 | 1.3 |
| | CH-505 INDUSTRIAL CHEMISTRY -I | 35135 | 1.0 | 1.3 | 2.7 | 1.3 | - | 1.3 | - | - | - | - | - | 1.3 | 2.0 |
| | CH-506 INORGANIC CHEMISTRY PRACTIAL -I | 35136 | 1.4 | 2.0 | - | 1.3 | 2.0 | 1.9 | - | - | - | - | 2.3 | 2.0 | 1.5 |
| | CH-507 ORGANIC CHEMISTRY -I | 35137 | 2.2 | 1.0 | - | 1.5 | 1.8 | 1.0 | - | - | - | - | 2.8 | 1.0 | 2.0 |
| | CH-508 CHEMISTRY OF BIOMOLECULES | 35138 | 2.2 | 1.5 | - | 2.3 | 2.0 | 1.0 | - | - | - | - | 1.5 | - | 2.2 |
| | CH-509 ORGANIC CHEMISTRY PRACTIAL -I | 35139 | 1.3 | 2.6 | - | 2.0 | 1.5 | 2.5 | - | - | - | - | 1.8 | 2.2 | 1.5 |
| | CH-601 PHYSICAL CHEMISTRY -II | 36131 | 2.6 | 1.3 | - | 2.0 | 2.4 | 1.3 | - | - | - | - | 2.4 | - | 2.0 |
| | CH-610A CHEMISTRY OF SOIL AND AGROCHEMICALS | 361310A | 2.5 | 1.3 | - | 1.7 | 3.0 | 2.0 | - | - | - | - | 1.7 | - | 1.0 |
| | CH-602 PHYSICAL CHEMISTRY -III | 36132 | 2.3 | 1.3 | - | 1.8 | 2.4 | 1.3 | - | - | - | - | 2.4 | - | 2.0 |
| | CH-603 PHYSICAL CHEMISTRY PRACTICAL -II | 36133 | 2.4 | 1.3 | - | 2.2 | 2.3 | 1.0 | - | - | - | - | 2.0 | 1.5 | 2.3 |
| CH-604 INORGANIC CHEMISTRY -II | 36134 | 1.8 | 2.0 | 1.0 | 1.5 | 1.0 | 1.0 | - | - | - | - | 1.5 | 1.5 | 1.5 | |

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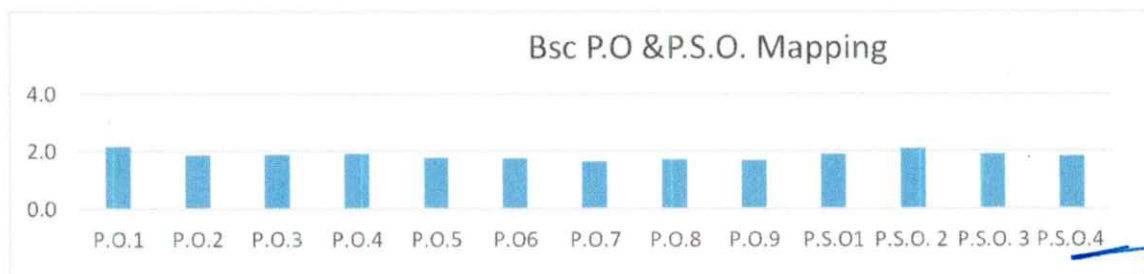
CBCS 2019

Academic year

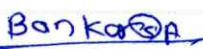



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|--------------------------------------|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|
| | | | | | | | | | | | | | | | |
| Third Year Bsc CHEMISTRY SEM 5 AND 6 | CH-605 INORGANIC CHEMISTRY -III | 36135 | 2.3 | 1.3 | - | 2.5 | 2.3 | 3.0 | - | - | - | - | 2.2 | - | 2.2 |
| | CH-606 INORGANIC CHEMISTRY PRACTICAL -II | 36136 | 2.5 | 2.4 | - | 1.7 | 1.0 | 2.5 | - | - | - | - | 2.3 | 2.8 | 1.7 |
| | CH-606 INORGANIC CHEMISTRY PRACTICAL -II | 36136 | 2.5 | 2.4 | - | 1.7 | 1.0 | 2.5 | - | - | - | - | 2.3 | 2.8 | 1.7 |
| | CH-607 ORGANIC CHEMISTRY -II | 36137 | 2.8 | 1.7 | - | 2.0 | - | 1.7 | - | - | - | - | 2.6 | - | 2.0 |
| | CH-608 ORGANIC CHEMISTRY -III | 36138 | 2.5 | 2.0 | 3.0 | 1.6 | 2.0 | 2.0 | - | - | - | - | 1.8 | - | 2.0 |
| | CH-609 ORGANIC CHEMISTRY PRACTICAL -II | 36139 | 2.5 | 2.0 | 1.0 | 2.0 | 3.0 | 2.0 | - | - | - | - | 1.3 | 2.3 | 2.0 |
| | | | | P.O.1 | P.O.2 | P.O.3 | P.O.4 | P.O.5 | P.O.6 | P.O.7 | P.O.8 | P.O.9 | P.S.O.1 | P.S.O.2 | P.S.O.3 |
| | OVERALL PO.AND P.S.O. MAPPING BSC | | 2.2 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.6 | 1.7 | 1.7 | 1.9 | 2.1 | 1.9 | 1.8 |




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