



**Prof. Dr. Avinash S. Jagtap**  
M.Sc. Ph.D.  
PRINCIPAL

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॥ सिद्धिरनेकान्तात् ॥

Anekant Education Society's

# TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

Empowered Autonomous Status

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

NAAC-SSR

Cycle IV

2019 - 2024

## Criterion No.I : Curricular Aspects

**1.2.1 Q<sub>n</sub>M** Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years.

### Year wise Percentage of new courses introduced

| Year         | No. of Offered Courses | No. of New Courses Introduced | Year wise Percentage of New Courses |
|--------------|------------------------|-------------------------------|-------------------------------------|
| 2023-24      | 1715                   | 1320                          | 76.96                               |
| 2022-23      | 1360                   | 456                           | 33.52                               |
| 2021-22      | 1345                   | 386                           | 28.69                               |
| 2020-21      | 1242                   | 512                           | 41.22                               |
| 2019-20      | 1085                   | 452                           | 41.65                               |
| <b>Total</b> | <b>6747</b>            | <b>3126</b>                   | <b>46.33</b>                        |

| Faculty      | No. of Offered Courses | No. of New Courses Introduced |
|--------------|------------------------|-------------------------------|
| <b>Total</b> | <b>6747</b>            | <b>3126</b>                   |

Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years = 46.33%



  
Principal  
Tuljaram Chaturchand College  
Baramati



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**New courses introduced during the last five years**

| Name of the programme | Name of the Course                                   | Course Code     | Year of introduction |
|-----------------------|--|-----------------|----------------------|
| BSc. Microbiology     | Introduction to Microbiology                         | MIB-101-MJM     | 2023                 |
| BSc. Microbiology     | Basic Techniques in Microbiology                     | MIB-102-MJM     | 2023                 |
| BSc. Microbiology     | Laboratory Procedures in Microbiology                | MIB-103-MJM     | 2023                 |
| BSc. Microbiology     | Microorganisms for Human Theory                      | MIB-116-OE      | 2023                 |
| BSc. Microbiology     | Food, Agricultural and Practical                     | MIB-117-OE      | 2023                 |
| BSc. Microbiology     | Agricultural Microbiology Theory                     | VSC MIB-121-VSC | 2023                 |
| BSc. Microbiology     | Microbiology Laboratory Practical                    | SEC MIB-126-SEC | 2023                 |
| BSc. Microbiology     | Ethno-Microbiology Theory                            | IKS MIB-137-IKS | 2023                 |
| BSc. Microbiology     | Bacterial cytology Theory                            | MIB-151-MJM     | 2023                 |
| BSc. Microbiology     | Fundamental Microbiology Theory                      | MIB-152-MJM     | 2023                 |
| BSc. Microbiology     | Techniques in Microbiology Practical                 | MIB-153-MJM     | 2023                 |
| BSc. Microbiology     | Microbial diseases Theory Basic Medical Microbiology | MIB-161-MN      | 2023                 |
| BSc. Microbiology     | Food Microbiology Theory                             | MIB-166-OE      | 2023                 |
| BSc. Microbiology     | Biofertilizer Production Practical                   | MIB-167-OE      | 2023                 |
| BSc. Microbiology     | Agriculture Microbiology Practical                   | VSC MIB-171-VSC | 2023                 |
| BSc. Microbiology     | Clinical pathology Practical                         | SEC MIB-176-SEC | 2023                 |
| BSc. Microbiology     | Bacterial Systematics and Physiology                 | USMB231         | 2023                 |
| BSc. Microbiology     | Fundamentals of Soil & Industrial Microbiology       | USMB232         | 2023                 |
| BSc. Microbiology     | Practical course based on USMB231 and USMB232        | USMB233         | 2023                 |
| BSc. Microbiology     | Bacterial Genetics                                   | USMB 241        | 2023                 |
| BSc. Microbiology     | Air and Water Microbiology                           | USMB242         | 2023                 |
| BSc. Microbiology     | Practical course based on USMB242                    | USMB243         | 2023                 |
| M.Sc. Microbiology    | Instrumentation                                      | MIB-501-MJM:    | 2023                 |
| M.Sc. Microbiology    | Microbial Technology                                 | MIB-502-MJM:    | 2023                 |
| M.Sc. Microbiology    | Practical course I                                   | MIB-503-MJM:    | 2023                 |
| M.Sc. Microbiology    | Practical Course II                                  | MIB-504-MJM:    | 2023                 |
| M.Sc. Microbiology    | Biochemistry   | MIB-511-MJE:A.  | 2023                 |
| M.Sc. Microbiology    | Ecology  | MIB-511-MJE:B.  | 2023                 |
| M.Sc. Microbiology    | Medical Microbiology                                 | MIB-511-MJE:C.  | 2023                 |



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|-------------------|--|----------------|------|
| M.Sc.Microbiology | Pharmaceutical Microbiology  | MIB-551-MJM:   | 2023 |
| M.Sc.Microbiology | Industrial Waste Water treatment   | MIB-552-MJM:   | 2023 |
| M.Sc.Microbiology | Practical course III   | MIB-553-MJM:   | 2023 |
| M.Sc.Microbiology | Practical course IV  | MIB-554-MJM:   | 2023 |
| M.Sc.Microbiology | Virology   | MIB-561-MJE A. | 2023 |
| M.Sc.Microbiology | Biophysical techniques   | MIB-561- B.    | 2023 |
| M.Sc.Microbiology | Developmental Biology  | MIB-561- C.    | 2023 |
| M.Sc.Microbiology | Immunology   | PSMB231        | 2023 |
| M.Sc.Microbiology | Molecular Biology I  | PSMB232        | 2023 |
| M.Sc.Microbiology | Industrial waste water treatment   | PSMB233        | 2023 |
| M.Sc.Microbiology | Biophysical Techniques   | PSMB234(A)     | 2023 |
| M.Sc.Microbiology | Developmental Biology  | PSMB234(B)     | 2023 |
| M.Sc.Microbiology | Practical course based on Immunology, Pharmaceutical Microbiology and Industrial waste water treatment | PSMB235        | 2023 |
| M.Sc.Microbiology | Practical course based on molecular Biology and Microbial Technology                                   | PSMB236        | 2023 |
| M.Sc.Microbiology | Pharmaceutical Microbiology  | PSMB241        | 2023 |
| M.Sc.Microbiology | Molecular Biology II   | PSMB242        | 2023 |
| M.Sc.Microbiology | Microbial Technology   | PSMB243        | 2023 |
| M.Sc.Microbiology | Medical Microbiology   | PSMB244(A)     | 2023 |
| M.Sc.Microbiology | Mathematics for Biological Science   | PSMB244(B)     | 2023 |
| B. Sc Electronics | Basic Electronics and Network Theorems   | ELE-101-MJM    | 2023 |
| B. Sc Electronics | Fundamentals of Digital Electronics  | ELE-102-MJM    | 2023 |
| B. Sc Electronics | Electronics Practical-I  | ELE-103-MJM    | 2023 |
| B. Sc Electronics | Basic Electronics-I  | ELE-116-OE     | 2023 |
| B. Sc Electronics | Electronics Practical-I  | ELE-117-OE     | 2023 |
| B. Sc Electronics | Applied Electronics  | ELE-121-VSC    | 2023 |
| B. Sc Electronics | Introduction of Circuit Simulator-I  | ELE-126-SEC    | 2023 |
| B. Sc Electronics | Evolution & Future Prospects of Electronics in India   | ELE-137-IKS    | 2023 |
| B. Sc Electronics | Semiconductor Devices & Circuits   | ELE-151-MJM    | 2023 |
| B. Sc Electronics | Digital Electronic Circuits  | ELE-152-MJM    | 2023 |
| B. Sc Electronics | Electronics Practical-II   | ELE -153-MJM   | 2023 |
| B. Sc Electronics | Introduction to Electronic Devices   | ELE -161-MN    | 2023 |
| B. Sc Electronics | Basic Electronics-II   | ELE -166-OE    | 2023 |
| B. Sc Electronics | Electronics Practical-II   | ELE -167-OE    | 2023 |
| B. Sc Electronics | Designing of Experimental Electronic Systems   | ELE -171-VSC   | 2023 |
| B. Sc Electronics | Introduction of Circuit Simulator-II   | ELE -176-SEC   | 2023 |
| B. Sc Electronics | Digital and Technological Solutions  | ELE -185-VEC   | 2023 |





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|------------------------|--|-----------------|------|
| B.Sc. Computer Science | Electronics Practical                                    | COS-126-SEC(EL) | 2023 |
| B.Sc. Computer Science | Basic Electronics  | COS-161-MN(EL)  | 2023 |
| B. Sc Electronics      | Linear Integrated Circuits and Applications              | USEL231         | 2023 |
| B. Sc Electronics      | Digital Circuit Design                                   | USEL232         | 2023 |
| B. Sc Electronics      | Electronic Practical's                                   | USEL233         | 2023 |
| B. Sc Electronics      | Fundamentals of Instrumentation system                   | USEL241         | 2023 |
| B. Sc Electronics      | Communication Electronics                                | USEL242         | 2023 |
| B. Sc Electronics      | Practical Course   | USEL243         | 2023 |
| B.Sc. Computer Science | 8051 Architecture and Programming                        | UCSEL231        | 2023 |
| B.Sc. Computer Science | Instrumentation Systems                                  | UCSEL232        | 2023 |
| B.Sc. Computer Science | Electronic Practical's                                   | UCSEL233        | 2023 |
| B.Sc. Computer Science | Advance Embedded System                                  | UCSEL241        | 2023 |
| B.Sc. Computer Science | Advance Communication and IoT                            | UCSEL242        | 2023 |
| B.Sc. Computer Science | Practical Course   | UCSEL243        | 2023 |
| M.Sc.Electronics       | Mathematical Methods in Electronics and Network Analysis | ELE-501-MJM     | 2023 |
| M.Sc.Electronics       | Integrated Circuit Analysis                              | ELE-502-MJM     | 2023 |
| M.Sc.Electronics       | Electronics Science Practical Course -I                  | ELE-503-MJM     | 2023 |
| M.Sc.Electronics       | Electronics Science Practical Course -II                 | ELE-504-MJM     | 2023 |
| M.Sc.Electronics       | Digital System Design using Verilog                      | ELE-511-MJE(A)  | 2023 |
| M.Sc.Electronics       | Advanced 'C' & JAVA Programming.                         | ELE-511-MJE(B)  | 2023 |
| M.Sc.Electronics       | Research Methodology                                     | ELE-521-RM      | 2023 |
| M.Sc.Electronics       | Electromagnetics, Microwave and Antennas.                | ELE-551-MJM:    | 2023 |
| M.Sc.Electronics       | Embedded System Design with PIC Microcontroller.         | ELE-552-MJM:    | 2023 |
| M.Sc.Electronics       | Electronics Science Practical Course -III                | ELE-553-MJM:    | 2023 |
| M.Sc.Electronics       | Electronics Science Practical Course - IV                | ELE-554-MJM:    | 2023 |
| M.Sc.Electronics       | Instrumentation and Measurement Techniques.              | ELE-561-MJE(A)  | 2023 |
| M.Sc.Electronics       | Foundation of Semiconductor Devices                      | ELE-561-MJE(B)  | 2023 |
| M.Sc.Electronics       | On Job Training /Filed Project                           | ELE-581-OJT/FP  | 2023 |
| M.Sc.Electronics       | Advanced Communication Electronics                       | PSEL231         | 2023 |
| M.Sc.Electronics       | Advanced Embedded Systems                                | PSEL232         | 2023 |



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|------------------|---|-------------|------|
| M.Sc.Electronics | Digital Signal Processing   | PSEL233     | 2023 |
| M.Sc.Electronics | Programmable Logic Controllers and Supervisory Control & Data Acquisition | PSEL234     | 2023 |
| M.Sc.Electronics | Practical Course –V   | PSEL235     | 2023 |
| M.Sc.Electronics | Practical Course –VI  | PSEL236     | 2023 |
| M.Sc.Electronics | Control System  | PSEL241     | 2023 |
| M.Sc.Electronics | Advanced Power Electronics  | PSEL242     | 2023 |
| M.Sc.Electronics | Fundamentals of Artificial Intelligence                                   | PSEL243     | 2023 |
| M.Sc.Electronics | Wireless Sensor Network   | PSEL244     | 2023 |
| M.Sc.Electronics | Practical Course – Project  | PSEL245     | 2023 |
| B. Sc. Physics   | Mechanics & Properties of Matter  | PHY-101-MJM | 2023 |
| B. Sc. Physics   | Electromagnetics  | PHY-102-MJM | 2023 |
| B. Sc. Physics   | Practical-I   | PHY-103-MJM | 2023 |
| B. Sc. Physics   | Astronomy-I [आकाशाशीजडलेनाते - भाग१ [                                     | PHY-116-OE  | 2023 |
| B. Sc. Physics   | Astronomy-I [आकाशाशीजडलेनाते - भाग१ [ Practical                           | PHY-117-OE  | 2023 |
| B. Sc. Physics   | Physics Workshop Skills-I   | PHY-121-VSC | 2023 |
| B. Sc. Physics   | Applications of Internet of Things-I                                      | PHY-126-SEC | 2023 |
| B. Sc. Physics   | Knowledge System of Bharata   | PHY-137-IKS | 2023 |
| B. Sc. Physics   | Heat and Thermodynamics   | PHY-151-MJM | 2023 |
| B. Sc. Physics   | Physics Principles and Applications                                       | PHY-152-MJM | 2023 |
| B. Sc. Physics   | Practical-II  | PHY-153-MJM | 2023 |
| B. Sc. Physics   | Basic Physics   | PHY-161-MN  | 2023 |
| B. Sc. Physics   | Astronomy-II [आकाशाशीजडलेनाते - भाग२ [                                    | PHY-166-OE  | 2023 |
| B. Sc. Physics   | Astronomy-II [आकाशाशीजडलेनाते - भाग२ [ Practical                          | PHY-167-OE  | 2023 |
| B. Sc. Physics   | Physics Workshop Skills-II  | PHY-171-VSC | 2023 |
| B. Sc. Physics   | Applications of Internet of Things-II                                     | PHY-176-SEC | 2023 |
| B.Sc Physics     | Mathematical Methods of Physics-I   | USPH231     | 2023 |
| B.Sc Physics     | Electronics-I   | USPH232 (A) | 2023 |
| B.Sc Physics     | Instrumentation   | USPH232 (B) | 2023 |
| B.Sc Physics     | Practical-I   | USPH233     | 2023 |
| B.Sc Physics     | Oscillations, waves, and Sound  | USPH241     | 2023 |
| B.Sc Physics     | Optics  | USPH242     | 2023 |
| B.Sc Physics     | Practical-II  | USPH243     | 2023 |
| M.Sc.Physics     | Mathematical Methods in Physics   | PHY-501-MJM | 2023 |
| M.Sc.Physics     | Classical Electrodynamics   | PHY-502-MJM | 2023 |
| M.Sc.Physics     | Physics Laboratory-I  | PHY-503-MJM | 2023 |



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|------------------|---|-----------------|------|
| M.Sc.Physics     | Physics Laboratory-II                         | PHY-504-MJM     | 2023 |
| M.Sc.Physics     | Classical Mechanics                           | PHY-511-MJE (A) | 2023 |
| M.Sc.Physics     | Electronics                                   | PHY-511-MJE (B) | 2023 |
| M.Sc.Physics     | Physics of Thin Films-I                       | PHY-511-MJE (C) | 2023 |
| M.Sc.Physics     | Research Methodology                          | PHY-521-RM      | 2023 |
| M.Sc.Physics     | Atoms, Molecules and Laser                    | PHY-551-MJM     | 2023 |
| M.Sc.Physics     | Quantum Mechanics                             | PHY-552-MJM     | 2023 |
| M.Sc.Physics     | Physics Laboratory-III                        | PHY-553-MJM     | 2023 |
| M.Sc.Physics     | Physics Laboratory-IV                         | PHY-554-MJM     | 2023 |
| M.Sc.Physics     | Physics of Semiconductor Devices              | PHY-561-MJE (A) | 2023 |
| M.Sc.Physics     | Biophysics                                    | PHY-561-MJE (B) | 2023 |
| M.Sc.Physics     | Physics of Thin Films-II                      | PHY-561-MJE (C) | 2023 |
| M.Sc.Physics     | On Job Training Field Project                 | PHY-581-OJT/FP  | 2023 |
| M.Sc.Physics     | Statistical Physics                           | PSPH 231        | 2023 |
| M.Sc.Physics     | Solid State Physics                           | PSPH 232        | 2023 |
| M.Sc.Physics     | Experimental Techniques In Physics- I         | PSPH 233        | 2023 |
| M.Sc.Physics     | Nano Technology I                             | PSPH 234 A      | 2023 |
| M.Sc.Physics     | Energy Studies-I                              | PSPH 234 B      | 2023 |
| M.Sc.Physics     | Biophysics-I                                  | PSPH 234 C      | 2023 |
| M.Sc.Physics     | Physics of Thin Films-I                       | PSPH 234 D      | 2023 |
| M.Sc.Physics     | Electronic Instrumentation-I                  | PSPH 234 E      | 2023 |
| M.Sc.Physics     | DFT -I  | PSPH 234 F      | 2023 |
| M.Sc.Physics     | Special Lab- I                                | PSPH 235        | 2023 |
| M.Sc.Physics     | Special Lab- Ii Python Programming In Physics | PSPH 236        | 2023 |
| M.Sc.Physics     | Nuclear & Particle Physics                    | PSPH 241        | 2023 |
| M.Sc.Physics     | Material Science                              | PSPH 242        | 2023 |
| M.Sc.Physics     | Experimental Techniques In Physics-Ii         | PSPH 243        | 2023 |
| M.Sc.Physics     | Nano Technology Ii                            | PSPH 244 A      | 2023 |
| M.Sc.Physics     | Energy Studies-Ii                             | PSPH 244 B      | 2023 |
| M.Sc.Physics     | Biophysics-Ii                                 | PSPH 244 C      | 2023 |
| M.Sc.Physics     | Physics Of Thin Films-Ii                      | PSPH 244 D      | 2023 |
| M.Sc.Physics     | Electronic Instrumentation-Ii                 | PSPH 244 E      | 2023 |
| M.Sc.Physics     | DFT -II                                       | PSPH 244 F      | 2023 |
| M.Sc.Physics     | Special Lab-III                               | PSPH 245        | 2023 |
| M.Sc.Physics     | Project                                       | PSPH 246        | 2023 |
| B. Sc. Chemistry | Physical and Inorganic Chemistry I            | CHE-101-MJM     | 2023 |
| B. Sc. Chemistry | Organic and Inorganic Chemistry I             | CHE-102-MJM     | 2023 |





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|---------------------------|--|----------------|------|
| B. Sc. Chemistry          | Chemistry Practical I                                | CHE-103-MJM    | 2023 |
| B. Sc. Chemistry          | Chemistry of soil and water                          | CHE-116-OE     | 2023 |
| B. Sc. Chemistry          | Chemical Analysis of soil and water                  | CHE-117-OE     | 2023 |
| B. Sc. Chemistry          | Introduction to agriculture chemistry                | CHE-121-VSC    | 2023 |
| B. Sc. Chemistry          | Organic Qualitative analysis                         | CHE-126-SEC    | 2023 |
| B. Sc. Chemistry          | Indian Heritage of chemistry                         | CHE-137-IKS    | 2023 |
| B. Sc. Chemistry          | Physical and Inorganic chemistry II                  | CHE-151-MJM    | 2023 |
| B. Sc. Chemistry          | Organic and Inorganic chemistry II                   | CHE-152-MJM    | 2023 |
| B. Sc. Chemistry          | Chemistry Practical II                               | CHE-153-MJM    | 2023 |
| B. Sc. Chemistry          | Basic Analytical Chemistry                           | CHE-161-MN     | 2023 |
| B. Sc. Chemistry          | Introduction to Dairy Chemistry                      | CHE-166-OE     | 2023 |
| B. Sc. Chemistry          | Chemical Analysis of Milk and Milk Products          | CHE-167-OE     | 2023 |
| B. Sc. Chemistry          | Computation in chemistry                             | CHE-171-VSC    | 2023 |
| B. Sc. Chemistry          | Inorganic Qualitative Analysis                       | CHE-176-SEC    | 2023 |
| B. Sc. Chemistry          | Physical and Analytical chemistry                    | USCH231        | 2023 |
| B. Sc. Chemistry          | Organic and Inorganic Chemistry                      | USCH232        | 2023 |
| B. Sc. Chemistry          | Practical Course III                                 | USCH233        | 2023 |
| B. Sc. Chemistry          | Physical and Analytical Chemistry                    | USCH241        | 2023 |
| B. Sc. Chemistry          | Organic and Inorganic chemistry                      | USCH242        | 2023 |
| B. Sc. Chemistry          | Practical Course IV                                  | USCH243        | 2023 |
| M.Sc. Chemistry           | Physical and Analytical Chemistry                    | CHE-501-MJM    | 2023 |
| M.Sc. Chemistry           | Organic and Inorganic Chemistry I                    | CHE-502-MJM    | 2023 |
| M.Sc. Chemistry           | Research Methodology                                 | CHE-521-RM     | 2023 |
| M.Sc. Chemistry           | Advanced topics in Analytical chemistry              | CHE-511-MJE    | 2023 |
| M.Sc. Chemistry           | Advanced topics in Inorganic Chemistry               | CHE-511-MJE    | 2023 |
| M.Sc. Chemistry           | Advanced topics in Organic chemistry                 | CHE-511-MJE    | 2023 |
| M.Sc. Chemistry           | Physical Chemistry Practical                         | CHE-503-MJM    | 2023 |
| M.Sc. Chemistry           | Organic Chemistry Practical                          | CHE-504-MJM    | 2023 |
| M.Sc. Chemistry           | Physical and Analytical chemistry II                 | CHE-551-MJM    | 2023 |
| M.Sc. Chemistry           | Organic and Inorganic Chemistry II                   | CHE-552-MJM    | 2023 |
| M.Sc. Chemistry           | Inorganic Chemistry Practical                        | CHE-553-MJM    | 2023 |
| M.Sc. Chemistry           | Analytical Chemistry Practical                       | CHE-554-MJM    | 2023 |
| M.Sc. Chemistry           | Advanced topic in analytical chemistry II            | CHE-561-MJE(A) | 2023 |
| M.Sc. Chemistry           | Advanced topic in Inorganic chemistry II             | CHE-561-MJE(B) | 2023 |
| M.Sc. Chemistry           | Advanced topic in Organic chemistry II               | CHE-561-MJE(C) | 2023 |
| M.Sc. Chemistry           | OJT/FP relevant to the major course                  | CHE-581-OJT/FP | 2023 |
| M.Sc. Inorganic Chemistry | Organometallic chemistry and Heterogeneous catalysis | PSCHI231       | 2023 |
| M.Sc. Inorganic Chemistry | Inorganic reaction mechanism and                     | PSCHI232       | 2023 |



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|--------------------------|--|-----------|------|
| Chemistry                | photochemistry   |           |      |
| M.Sc.Inorganic Chemistry | Physical methods in inorganic chemistry                            | PSCHI233  | 2023 |
| M.Sc.Inorganic Chemistry | Bioinorganic and Inorganic medicinal chemistry                     | PSCHI234  | 2023 |
| M.Sc.Inorganic Chemistry | Analysis, Estimation and Computer application                      | PSCHI235  | 2023 |
| M.Sc.Inorganic Chemistry | Inorganic preparations and Instrumental Analysis                   | PSCHI236  | 2023 |
| M.Sc.Inorganic Chemistry | Heterogeneous catalysis and Inorganic Polymer                      | PSCHI241  | 2023 |
| M.Sc.Inorganic Chemistry | Material Science I : Inorganic materials and solid state chemistry | PSCHI242  | 2023 |
| M.Sc.Inorganic Chemistry | Material Science II: Nanomaterials                                 | PSCHI243  | 2023 |
| M.Sc.Inorganic Chemistry | Inorganic applications in industrial and environmental chemistry   | PSCHI 244 | 2023 |
| M.Sc.Inorganic Chemistry | Extended practical in Inorganic chemistry                          | PSCHI245  | 2023 |
| M.Sc.Inorganic Chemistry | Project work   | PSCHI246  | 2023 |
| M.Sc.Organic Chemistry   | Designing of organic synthesis and heterocyclic chemistry          | PSCHO231  | 2023 |
| M.Sc.Organic Chemistry   | Spectroscopic methods in structure Determination                   | PSCHO232  | 2023 |
| M.Sc.Organic Chemistry   | Organic Stereochemistry-I and Organic Reaction Mechanism           | PSCHO233  | 2023 |
| M.Sc.Organic Chemistry   | Photochemistry, Free radicals and Pericyclic reactions             | PSCHO234  | 2023 |
| M.Sc.Organic Chemistry   | Single stage preparations  | PSCHO235  | 2023 |
| M.Sc.Organic Chemistry   | Double stage preparations  | PSCHO236  | 2023 |
| M.Sc.Organic Chemistry   | Chemistry of natural product I                                     | PSCHO241  | 2023 |
| M.Sc.Organic Chemistry   | Advanced Synthetic   | PSCHO242  | 2023 |
| M.Sc.Organic Chemistry   | Biomolecules, org chemistry of drug design and chiral drugs        | PSCHO243  | 2023 |
| M.Sc.Organic Chemistry   | Organic stereochemistry II and Asymmetric synthesis                | PSCHO244  | 2023 |
| M.Sc.Organic Chemistry   | Innovative experiments in organic chemistry                        | PSCHO245  | 2023 |
| M.Sc.Organic Chemistry   | Project work   | PSCHO246  | 2023 |





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**Cycle IV**

**2019 - 2024**

|                           |   |             |      |
|---------------------------|---|-------------|------|
| M.Sc.Analytical Chemistry | Analytical Method Development & Validation, Nanotechnology                                      | PSCHA231    | 2023 |
| M.Sc.Analytical Chemistry | Electrochemical methods and food analysis   | PSCHA232    | 2023 |
| M.Sc.Analytical Chemistry | Pharmaceutical Analysis   | PSCHA 233   | 2023 |
| M.Sc.Analytical Chemistry | Characterization Techniques   | PSCHA 234   | 2023 |
| M.Sc.Analytical Chemistry | Analysis of Materials   | PSCHA 235   | 2023 |
| M.Sc.Analytical Chemistry | Instrumental Analysis   | PSCHA 236   | 2023 |
| M.Sc.Analytical Chemistry | Forensic Science  | PSCHA241    | 2023 |
| M.Sc.Analytical Chemistry | Advances in analytical techniques   | PSCHA242    | 2023 |
| M.Sc.Analytical Chemistry | Analytical methods for Analysis of fertilizers, detergents, water and polymer, paintand pigment | PSCHA243    | 2023 |
| M.Sc.Analytical Chemistry | Methods of analysis and applications  | PSCHA244    | 2023 |
| M.Sc.Analytical Chemistry | Analysis of pharmaceutical, food and bio-analytical samples                                     | PSCHA245    | 2023 |
| M.Sc.Analytical Chemistry | Project work  | PSCHA246    | 2023 |
| B.Sc. Mathematics         | Algebra   | MAT-101-MJM | 2023 |
| B.Sc. Mathematics         | Calculus  | MAT-102-MJM | 2023 |
| B.Sc. Mathematics         | Practical I   | MAT-103-MJM | 2023 |
| B.Sc. Mathematics         | Logical Methods   | MAT-121-VSC | 2023 |
| B.Sc. Mathematics         | Scilab and Maxima Software I  | MAT-126-SEC | 2023 |
| B.Sc. Mathematics         | Vedic Mathematics   | MAT-137-IKS | 2023 |
| B.Sc. Mathematics         | Basic Mathematics I   | MAT-116-OE  | 2023 |
| B.Sc. Mathematics         | Applied Mathematics I   | MAT-117-OE  | 2023 |
| B.Sc. Mathematics         | Geometry  | MAT-151-MJM | 2023 |
| B.Sc. Mathematics         | Calculus and Differential Equations   | MAT-152-MJM | 2023 |
| B.Sc. Mathematics         | Practical II  | MAT-153-MJM | 2023 |
| B.Sc. Mathematics         | Geogebra Software   | MAT-171-VSC | 2023 |
| B.Sc. Mathematics         | Scilab and Maxima Software II   | MAT-176-SEC | 2023 |
| B.Sc. Mathematics         | Fundamentals of Mathematics   | MAT-161-MN  | 2023 |
| B.Sc. Mathematics         | Basic Mathematics II  | MAT-166-OE  | 2023 |
| B.Sc. Mathematics         | Applied Mathematics II  | MAT-167-OE  | 2023 |
| B.Sc. Computer            | Mathematics for Computer Science  | COS-126-SEC | 2023 |



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**Cycle IV**

**2019 - 2024**

| Science                |  | (MT)            |      |
|------------------------|--|-----------------|------|
| B.Sc. Computer Science | Discrete Mathematics                                 | COS-161-MN (B)  | 2023 |
| B.Sc Mathematics       | Calculus of Several Variables                        | USMT231         | 2023 |
| B.Sc Mathematics       | Laplace Transform and Fourier Series                 | USMT232         | 2023 |
| B.Sc Mathematics       | Practical based on USMT231 and USMT232               | USMT233         | 2023 |
| B.Sc Mathematics       | Linear Algebra                                       | USMT241         | 2023 |
| B.Sc Mathematics       | Vector Calculus                                      | USMT242         | 2023 |
| B.Sc Mathematics       | Practical based on USMT241 and USMT242               | USMT243         | 2023 |
| B.Sc. Computer Science | Groups and Coding Theory                             | UCSMT231        | 2023 |
| B.Sc. Computer Science | Numerical Techniques                                 | UCSMT232        | 2023 |
| B.Sc. Computer Science | Mathematics Practical: Python Programming Language I | UCSMT233        | 2023 |
| B.Sc. Computer Science | Computational Geometry                               | UCSMT241        | 2023 |
| B.Sc. Computer Science | Operations Research                                  | UCSMT242        | 2023 |
| B.Sc. Computer Science | Mathematics Practical: Python Programming Language I | UCSMT243        | 2023 |
| M.Sc. Mathematics      | Measure Theory and Integration                       | MAT-501-MJM     | 2023 |
| M.Sc. Mathematics      | Advanced Calculus                                    | MAT-502-MJM     | 2023 |
| M.Sc. Mathematics      | Practical in Ordinary Differential Equations         | MAT-503-MJM     | 2023 |
| M.Sc. Mathematics      | Programming in C                                     | MAT-504-MJM     | 2023 |
| M.Sc. Mathematics      | Group Theory   | MAT-511-MJM (B) | 2023 |
| M.Sc. Mathematics      | Research Methodology                                 | MAT-521-RM      | 2023 |
| M.Sc. Mathematics      | Complex Analysis                                     | MAT-551-MJM     | 2023 |
| M.Sc. Mathematics      | Topology   | MAT-552-MJM     | 2023 |
| M.Sc. Mathematics      | Practical in Partial Differential Equations          | MAT-553-MJM     | 2023 |
| M.Sc. Mathematics      | Programming in C++                                   | MAT-554-MJM     | 2023 |
| M.Sc. Mathematics      | Rings and Modules                                    | MAT-561-MJM (B) | 2023 |
| M.Sc. Mathematics      | On Job Training Field Project                        | MAT-503-MJM     | 2023 |
| M.Sc. Mathematics      | Combinatorics  | PSMT231         | 2023 |
| M.Sc. Mathematics      | Field Theory   | PSMT232         | 2023 |
| M.Sc. Mathematics      | Functional Analysis                                  | PSMT233         | 2023 |
| M.Sc. Mathematics      | Integral Equations                                   | PSMT234         | 2023 |
| M.Sc. Mathematics      | Graph Theory   | PSMT235 (B)     | 2023 |



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**Cycle IV**

**2019 - 2024**

|                       |   |                |      |
|-----------------------|---|----------------|------|
| M.Sc. Mathematics     | Practical: Python                                       | PSMT236        | 2023 |
| M.Sc. Mathematics     | Number Theory   | PSMT241        | 2023 |
| M.Sc. Mathematics     | Differential Geometry                                   | PSMT242        | 2023 |
| M.Sc. Mathematics     | Fourier Analysis  | PSMT243        | 2023 |
| M.Sc. Mathematics     | Lattice Theory  | PSMT244        | 2023 |
| M.Sc. Mathematics     | Cryptography  | PSMT245 (B)    | 2023 |
| M.Sc. Mathematics     | Project   | PSMT246        | 2023 |
| B.Sc. Statistics      | Descriptive Statistics – I                              | STA-101-MJM    | 2023 |
| B.Sc. Statistics      | Discrete Probability and Probability Distributions – I  | STA-102-MJM    | 2023 |
| B.Sc. Statistics      | Statistics Practical – I                                | STA-103-MJM    | 2023 |
| B.Sc. Statistics      | Commercial Statistics                                   | STA-116-OE     | 2023 |
| B.Sc. Statistics      | Introduction to MS-Excel and Statistical Computing      | STA-117-OE     | 2023 |
| B.Sc. Statistics      | Introduction to R Programming Language                  | STA-121-VSC    | 2023 |
| B.Sc. Statistics      | Statistical Computing Using MS-Excel                    | STA-126-SEC    | 2023 |
| B.Sc. Statistics      | Evolution of Science and Statistics in India            | STA-137-IKS    | 2023 |
| B.Sc. Statistics      | Descriptive Statistics – II                             | STA-151-MJM    | 2023 |
| B.Sc. Statistics      | Discrete Probability and Probability Distributions – II | STA-152-MJM    | 2023 |
| B.Sc. Statistics      | Statistics Practical – II                               | STA-153-MJM    | 2023 |
| B.Sc. Statistics      | Basic Statistics  | STA-161-MN     | 2023 |
| B.Sc. Statistics      | Business Statistics                                     | STA-166-OE     | 2023 |
| B.Sc. Statistics      | Statistics Learning with Software                       | STA-167-OE     | 2023 |
| B.Sc. Statistics      | Data Analysis with R Software                           | STA-171-VSC    | 2023 |
| B.Sc. Statistics      | Application of Statistics Using Advanced Excel          | STA-176-SEC    | 2023 |
| B.Sc Computer Science | Introduction to MS Excel and R-Software                 | COS-126-SEC-ST | 2023 |
| B.Sc.Statistics       | Statistical Techniques- I                               | USST231        | 2023 |
| B.Sc.Statistics       | Continuous Probability Distributions-I                  | USST232        | 2023 |
| B.Sc.Statistics       | Practical Paper –III                                    | USST233        | 2023 |
| B.Sc.Statistics       | Statistical Techniques- II                              | USST241        | 2023 |
| B.Sc.Statistics       | Continuous Probability Distributions-II                 | USST242        | 2023 |
| B.Sc.Statistics       | Practical Paper-IV                                      | USST243        | 2023 |
| B.Com.                | Business Statistics-III                                 | UCBS236(D)     | 2023 |
| B.Com.                | Business Statistics-IV                                  | UCBS241(D)     | 2023 |
| M.Sc.Statistics       | Linear Algebra  | STA-501-MJM    | 2023 |
| M.Sc.Statistics       | Probability Distributions                               | STA -502-MJM   | 2023 |





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**2019 - 2024**

|                 |  |                  |      |
|-----------------|--|------------------|------|
| M.Sc.Statistics | Statistics Practical – I               | STA -503-MJM     | 2023 |
| M.Sc.Statistics | Statistics Practical – II              | STA -504-MJM     | 2023 |
| M.Sc.Statistics | Mathematical Analysis                  | STA-511-MJE (A)  | 2023 |
| M.Sc.Statistics | Calculus and Statistical Computing     | STA-511-MJE(B)   | 2023 |
| M.Sc.Statistics | Research Methodology                   | STA -521-RM      | 2023 |
| M.Sc.Statistics | Multivariate Analysis                  | STA -551-MJM     | 2023 |
| M.Sc.Statistics | Regression Analysis                    | STA -552-MJM     | 2023 |
| M.Sc.Statistics | Statistics Practical – III             | STA -553-MJM     | 2023 |
| M.Sc.Statistics | Statistics Practical – IV              | STA -554-MJM     | 2023 |
| M.Sc.Statistics | Probability Theory                     | STA -561-MJE (A) | 2023 |
| M.Sc.Statistics | Stochastic Processes                   | STA-561-MJE (B)  | 2023 |
| M.Sc.Statistics | On Job Training/Field Project          | STA -581-OJT/FP  | 2023 |
| M.Sc.Statistics | Asymptotic Inference                   | PSST231          | 2023 |
| M.Sc.Statistics | Design and Analysis of Experiments     | PSST232          | 2023 |
| M.Sc.Statistics | Time Series Analysis                   | PSST233          | 2023 |
| M.Sc.Statistics | Data Mining                            | PSST234 (A)      | 2023 |
| M.Sc.Statistics | Design and Analysis of Clinical Trials | PSST234 (B)      | 2023 |
| M.Sc.Statistics | Practical Paper -V                     | PSST235          | 2023 |
| M.Sc.Statistics | Practical Paper -VI                    | PSST-236         | 2023 |
| M.Sc.Statistics | Stochastic Processes                   | PSST241          | 2023 |
| M.Sc.Statistics | Statistical Process Control            | PSST242          | 2023 |
| M.Sc.Statistics | Survival Analysis                      | PSST243          | 2023 |
| M.Sc.Statistics | Actuarial Statistics                   | PSST244 (A)      | 2023 |
| M.Sc.Statistics | Optimization Techniques                | PSST244 (B)      | 2023 |
| M.Sc.Statistics | Practical Paper-VII                    | PSST245          | 2023 |
| M.Sc.Statistics | Project                                | PSST246          | 2023 |
| B.Sc. Botany    | Diversity of Cryptogams                | BOT-101-MJM      | 2023 |
| B.Sc. Botany    | Industrial Botany - I                  | BOT-102-MJM      | 2023 |
| B.Sc. Botany    | Botany Practical - I                   | BOT-103-MJM      | 2023 |
| B.Sc. Botany    | Horticulture                           | BOT-116-OE       | 2023 |
| B.Sc. Botany    | Floriculture                           | BOT-117-OE       | 2023 |
| B.Sc. Botany    | Organic Farming                        | BOT-121-VSC      | 2023 |
| B.Sc. Botany    | Fruit Processing                       | BOT-126-SEC      | 2023 |
| B.Sc. Botany    | Botany in Ayurveda                     | BOT-137-IKS      | 2023 |
| B.Sc. Botany    | Diversity of Phanerogams               | BOT-151-MJM      | 2023 |
| B.Sc. Botany    | Industrial Botany - II                 | BOT-152-MJM      | 2023 |
| B.Sc. Botany    | Botany Practical - II                  | BOT-153-MJM      | 2023 |
| B.Sc. Botany    | Gardening and Nursery Management       | BOT-161-MN       | 2023 |



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**2019 - 2024**

|              |   |                      |      |
|--------------|---|----------------------|------|
| B.Sc. Botany | Economic Botany   | BOT-166-OE           | 2023 |
| B.Sc. Botany | Seed Technology   | BOT-167-OE           | 2023 |
| B.Sc. Botany | Plant Tissue Culture  | BOT-171-VSC          | 2023 |
| B.Sc. Botany | Mushroom Cultivation  | BOT-176-SEC          | 2023 |
| B.Sc. Botany | Taxonomy of Angiosperms                                     | USBT 231             | 2023 |
| B.Sc. Botany | Plant Physiology  | USBT 232             | 2023 |
| B.Sc. Botany | Practical based on USBT 231 and USBT 232                    | USBT 233             | 2023 |
| B.Sc. Botany | Anatomy and Embryology                                      | USBT 241             | 2023 |
| B.Sc. Botany | Plant Ecology   | USBT 242             | 2023 |
| B.Sc. Botany | Practical based on USBT 241 and BOT 242                     | USBT 243             | 2023 |
| M.Sc. Botany | Plant Systematics-I   | BOT -501-MJM         | 2023 |
| M.Sc. Botany | Cell Biology and Cell signalling                            | BOT -502-MJM         | 2023 |
| M.Sc. Botany | Botany Laboratory-I   | BOT -503-MJM         | 2023 |
| M.Sc. Botany | Botany laboratory –II                                       | BOT -504-MJM         | 2023 |
| M.Sc. Botany | Genetics and Plant breeding                                 | BOT -511-MJE<br>(A)  | 2023 |
| M.Sc. Botany | Advanced Botanical Techniques                               | BOT -511-MJE<br>(B)  | 2023 |
| M.Sc. Botany | Research Methodology  | BOT -521-RM          | 2023 |
| M.Sc. Botany | Plant Systematics II  | BOT -551-MJM         | 2023 |
| M.Sc. Botany | Plant physiology and Biochemistry                           | BOT -552-MJM         | 2023 |
| M.Sc. Botany | Botany laboratory -I  | BOT -553-MJM         | 2023 |
| M.Sc. Botany | Botany Laboratory –II                                       | BOT -554-MJM         | 2023 |
| M.Sc. Botany | Molecular Biology and Genetic Engineering                   | BOT -561-MJE<br>(A)  | 2023 |
| M.Sc. Botany | Plant Ecology and Biodiversity                              | BOT -561-MJE<br>(B)  | 2023 |
| M.Sc. Botany | On Job Training Field Project                               | BOT -581- OJT/<br>FP | 2023 |
| M.Sc. Botany | Angiosperms and Evolution                                   | PSBT 231             | 2023 |
| M.Sc. Botany | Developmental Botany  | PSBT 232             | 2023 |
| M.Sc. Botany | Computational Botany  | PSBT 233             | 2023 |
| M.Sc. Botany | Advanced Plant Physiology                                   | PSBT 234 A           | 2023 |
| M.Sc. Botany | Advanced Mycology and Plant Pathology                       | PSBT 234 B           | 2023 |
| M.Sc. Botany | Bryology  | PSBT 234 C           | 2023 |
| M.Sc. Botany | Angiosperm taxonomy   | PSBT 234 D           | 2023 |
| M.Sc. Botany | Practicals Based on PSBT 231, 232 and 233                   | PSBT 235             | 2023 |
| M.Sc. Botany | Practicals based on special paper Advanced Plant Physiology | PSBT 236 A           | 2023 |



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|---------------|---|-------------|------|
| M.Sc. Botany  | Practicals based on special paper Advanced Mycology and Plant Pathology | PSBT 236 B  | 2023 |
| M.Sc. Botany  | Practicals based on special paper Bryology                              | PSBT 236 C  | 2023 |
| M.Sc. Botany  | Practicals based on special paper Angiosperm Taxonomy                   | PSBT 236 D  | 2023 |
| M.Sc. Botany  | Plant Pathology   | PSBT 241    | 2023 |
| M.Sc. Botany  | Industrial Botany   | PSBT 242    | 2023 |
| M.Sc. Botany  | Plant Biotechnology   | PSBT 243    | 2023 |
| M.Sc. Botany  | Advanced Plant Physiology   | PSBT 244 A  | 2023 |
| M.Sc. Botany  | Advanced Mycology and Plant Pathology                                   | PSBT 244 B  | 2023 |
| M.Sc. Botany  | Bryology  | PSBT 244 C  | 2023 |
| M.Sc. Botany  | Angiosperm taxonomy   | PSBT 244 D  | 2023 |
| M.Sc. Botany  | Practicals Based on 241, 242 and 243                                    | PSBT 245    | 2023 |
| M.Sc. Botany  | Research Projects and Summer Training                                   | PSBT 246    | 2023 |
| B.Sc. Zoology | Animal Systematics and Diversity - I                                    | ZOO-101-MJM | 2023 |
| B.Sc. Zoology | Fundamentals of Cell Biology  | ZOO-102-MJM | 2023 |
| B.Sc. Zoology | Zoology Practical-I   | ZOO-103-MJM | 2023 |
| B.Sc. Zoology | Fresh water Fisheries)  | ZOO-116-OE  | 2023 |
| B.Sc. Zoology | Fresh water Fisheries Practical   | ZOO-117-OE  | 2023 |
| B.Sc. Zoology | Biological Techniques-I   | ZOO-121-VSC | 2023 |
| B.Sc. Zoology | Medical Laboratory Technology-I   | ZOO-126-SEC | 2023 |
| B.Sc. Zoology | Animal Diversity & Conservation in Indian Culture                       | ZOO-137-IKS | 2023 |
| B.Sc. Zoology | Animal Systematics and Diversity - II                                   | ZOO-151-MJM | 2023 |
| B.Sc. Zoology | Genetics  | ZOO-152-MJM | 2023 |
| B.Sc. Zoology | Zoology Practical-II  | ZOO-153-MJM | 2023 |
| B.Sc. Zoology | Apiculture  | ZOO-161-MN  | 2023 |
| B.Sc. Zoology | Crop Pest: Types & Management   | ZOO-166-OE  | 2023 |
| B.Sc. Zoology | Crop Pest: Types & Management, Practical                                | ZOO-167-OE  | 2023 |
| B.Sc. Zoology | Biological Techniques-I   | ZOO-171-VSC | 2023 |
| B.Sc. Zoology | Medical Laboratory Technology-I   | ZOO-176-SEC | 2023 |
| B.Sc. Zoology | Animal Systematics and Diversity - III                                  | USZL 231    | 2023 |
| B.Sc. Zoology | Applied Zoology- I  | USZL 232    | 2023 |
| B.Sc. Zoology | Zoology Practical-III   | USZL 233    | 2023 |
| B.Sc. Zoology | Animal Systematics and Diversity – IV                                   | USZL 241    | 2023 |
| B.Sc. Zoology | Applied Zoology- II   | USZL 242    | 2023 |
| B.Sc. Zoology | Zoology Practical-IV  | USZL 243    | 2023 |
| M.Sc. Zoology | Biochemistry & Bioenergetics  | ZOO-501-MJM | 2023 |





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|               |  |                 |      |
|---------------|--|-----------------|------|
| M.Sc. Zoology | Cell Biology   | ZOO-502-MJM     | 2023 |
| M.Sc. Zoology | Zoology Practical-I  | ZOO-503-MJM     | 2023 |
| M.Sc. Zoology | Zoology Practical-II   | ZOO-504-MJM     | 2023 |
| M.Sc. Zoology | Freshwater Zoology & Ichthyology   | ZOO-511-MJE (A) | 2023 |
| M.Sc. Zoology | Biostatistics & Genetics   | ZOO-511-MJE (B) | 2023 |
| M.Sc. Zoology | Biological Techniques  | ZOO-511-MJE (C) | 2023 |
| M.Sc. Zoology | Research Methodology   | ZOO-521-RM      | 2023 |
| M.Sc. Zoology | Molecular Biology  | ZOO-551-MJM     | 2023 |
| M.Sc. Zoology | Developmental Biology  | ZOO-552-MJM     | 2023 |
| M.Sc. Zoology | Zoology Practical-III  | ZOO-553-MJM     | 2023 |
| M.Sc. Zoology | Zoology Practical-IV   | ZOO-554-MJM     | 2023 |
| M.Sc. Zoology | Entomology-I   | ZOO-561-MJE (A) | 2023 |
| M.Sc. Zoology | Animal Physiology-I  | ZOO-561-MJE (B) | 2023 |
| M.Sc. Zoology | Genetics-I   | ZOO-561-MJE (C) | 2023 |
| M.Sc. Zoology | On Job Training / Field Project  | ZOO-581-OJT/FP  | 2023 |
| M.Sc. Zoology | Entomology-I   | PSZO 231A       | 2023 |
| M.Sc. Zoology | Animal Physiology-I  | PSZO 231B       | 2023 |
| M.Sc. Zoology | Genetics-I   | PSZO 231C       | 2023 |
| M.Sc. Zoology | Physiology, Biochemistry and Ecology of Insects                            | PSZO 232        | 2023 |
| M.Sc. Zoology | Reproductive Physiology, Histology and Histochemistry of Mammals           | PSZO 233        | 2023 |
| M.Sc. Zoology | Economic Zoology   | PSZO 234        | 2023 |
| M.Sc. Zoology | ZOOLOGY Practical- V (Practicals Corresponding to : PSZO:231A and PSZO232) | PSZO 235A       | 2023 |
| M.Sc. Zoology | ZOOLOGY Practical- V (Practicals Corresponding to : PSZO:231B and PSZO232) | PSZO 235B       | 2023 |
| M.Sc. Zoology | ZOOLOGY Practical- V (Practicals Corresponding to : PSZO:231C and PSZO232) | PSZO 235C       | 2023 |
| M.Sc. Zoology | ZOOLOGY Practical- VI (Practicals Corresponding to : PSZO:233 and PSZO234) | PSZO 236        | 2023 |
| M.Sc. Zoology | Entomology- II   | PSZO 241A       | 2023 |
| M.Sc. Zoology | Animal Physiology- II  | PSZO 241B       | 2023 |
| M.Sc. Zoology | Genetics- II   | PSZO 241C       | 2023 |
| M.Sc. Zoology | Immunology and Parasitology  | PSZO 242        | 2023 |
| M.Sc. Zoology | Pest Control and toxicology  | PSZO 243        | 2023 |



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Anekant Education Society's

# TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

**Empowered Autonomous Status**

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

**NAAC-SSR**

**Cycle IV**

**2019 - 2024**

|                        |   |             |      |
|------------------------|---|-------------|------|
| M.Sc. Zoology          | Environmental Biology and Animal Systematics & Diversity                          | PSZO 244    | 2023 |
| M.Sc. Zoology          | ZOOLOGY Practical- VII (Practicals Corresponding to : PSZO:241A, 242 and PSZO244) | PSZO 245A   | 2023 |
| M.Sc. Zoology          | ZOOLOGY Practical- VII (Practicals Corresponding to : PSZO:241B, 242 and PSZO244) | PSZO 245B   | 2023 |
| M.Sc. Zoology          | ZOOLOGY Practical- VII (Practicals Corresponding to : PSZO:241C, 242 and PSZO244) | PSZO 245C   | 2023 |
| M.Sc. Zoology          | Major Research Project  | PSZO 246    | 2023 |
| B.Sc. Environment      | Fundamentals of Environmental Science-I   | ENV-101-MJM | 2023 |
| B.Sc. Environment      | Fundamentals of Environmental Biology-I   | ENV-102-MJM | 2023 |
| B.Sc. Environment      | Environment Science Practical-I   | ENV-103-MJM | 2023 |
| B.Sc. Environment      | Disaster and their management   | ENV-116-OE  | 2023 |
| B.Sc. Environment      | Environmental Management and Safety   | ENV-117-OE  | 2023 |
| B.Sc. Environment      | Solid waste management  | ENV-121-VSC | 2023 |
| B.Sc. Environment      | Introduction to lab instruments   | ENV-126-SEC | 2023 |
| B.Sc. Environment      | Environmental Education   | ENV-135-VEC | 2023 |
| B.Sc. Environment      | Environment, Cultural Values and Society  | ENV-137-IKS | 2023 |
| B.Sc. Environment      | Fundamentals of Environmental Science-II  | ENV-151-MJM | 2023 |
| B.Sc. Environment      | Fundamentals of Environmental Biology-II  | ENV-152-MJM | 2023 |
| B.Sc. Environment      | Environment Science Practical-II  | ENV-153-MJM | 2023 |
| B.Sc. Environment      | Sustainable Development   | ENV-161-MN  | 2023 |
| B.Sc. Environment      | Ecotourism and Sustainability   | ENV-166-OE  | 2023 |
| B.Sc. Environment      | Practicing of Ecotourism  | ENV-167-OE  | 2023 |
| B.Sc. Environment      | Water quality monitoring  | ENV-171-VSC | 2023 |
| B.Sc. Environment      | Sustainable agricultural practices  | ENV-176-SEC | 2023 |
| B.Sc. Environment      | Natural resources   | USES 231    | 2023 |
| B.Sc. Environment      | Environmental pollution and control-I   | USES 232    | 2023 |
| B.Sc. Environment      | Practical based on USES 231 and USES 232  | USES233     | 2023 |
| B.Sc. Environment      | Solid and Hazardous waste management  | USES 241    | 2023 |
| B.Sc. Environment      | Environmental pollution and control-II  | USES 242    | 2023 |
| B.Sc. Environment      | Practical based on USES 241 and USES 242  | USES 243    | 2023 |
| B.Sc. Computer Science | Basic Programming using C   | COS-101-MJM | 2023 |
| B.Sc. Computer Science | DBMS-I  | COS-102-MJM | 2023 |
| B.Sc. Computer Science | Computer Science Practical – I  | COS-103-MJM | 2023 |



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**2019 - 2024**

|                        |  |             |      |
|------------------------|--|-------------|------|
| B.Sc. Computer Science | Internet Awareness                             | COS-116-OE  | 2023 |
| B.Sc. Computer Science | Introduction to MS-Office                      | COS-117-OE  | 2023 |
| B.Sc. Computer Science | Problem Solving Skills & DBMS Using PostgreSQL | COS-121-VSC | 2023 |
| B.Sc. Computer Science | Evolution of Computers                         | COS-137-IKS | 2023 |
| B.Sc. Computer Science | Advanced Programming Using C                   | COS-151-MJM | 2023 |
| B.Sc. Computer Science | DBMS-II  | COS-152-MJM | 2023 |
| B.Sc. Computer Science | Computer Science Practical – II                | COS-153-MJM | 2023 |
| B.Sc. Computer Science | Advanced MS-Excel                              | COS-166-OE  | 2023 |
| B.Sc. Computer Science | E-Banking                                      | COS-167-OE  | 2023 |
| B.Sc. Computer Science | Database Applications using PL/pgSQL           | COS-171-VSC | 2023 |
| B.Sc. Computer Science | Basic Graphics Design using C                  | COS-176-SEC | 2023 |
| B.Sc. Computer Science | Digital and Technological Solutions            | COS-185-VEC | 2023 |
| B.Sc. Computer Science | Data Structures using C                        | UCSCO231    | 2023 |
| B.Sc. Computer Science | Introduction to Web Technology                 | UCSCO232    | 2023 |
| B.Sc. Computer Science | Lab Course I : Based On UCSCO231               | UCSCO233    | 2023 |
| B.Sc. Computer Science | Lab Course II: based On UCSCO232               | UCSCO234    | 2023 |
| B.Sc. Computer Science | Object Oriented Concepts using Java            | UCSCO241    | 2023 |
| B.Sc. Computer Science | Software Engineering Principles and Techniques | UCSCO242    | 2023 |
| B.Sc. Computer Science | Lab Course based on UCSCO241                   | UCSCO243    | 2023 |
| B.Sc. Computer Science | Lab Course based on UCSCO242 with Mini Project | UCSCO244    | 2023 |
| M.Sc. Computer Science | Principles of Programming Language             | COS-501-MJM | 2023 |
| M.Sc. Computer Science | Cryptography and Cyber Forensics               | COS-502-MJM | 2023 |





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**2019 - 2024**

|                        |   |                 |      |
|------------------------|---|-----------------|------|
| M.Sc. Computer Science | DatabaseTechnologies  | COS-503-MJM     | 2023 |
| M.Sc. Computer Science | DotNet(Basic)   | COS-504-MJM     | 2023 |
| M.Sc. Computer Science | DesignandAnalysisof Algorithms                                      | COS-511-MJE(A)  | 2023 |
| M.Sc. Computer Science | Research Methodology in Computer Science                            | COS-521-RM      | 2023 |
| M.Sc. Computer Science | DigitalImageProcessing  | COS-551-MJM     | 2023 |
| M.Sc. Computer Science | DataMiningandData Warehousing                                       | COS-552-MJM     | 2023 |
| M.Sc. Computer Science | Python Programming–I (Basic)  | COS-553-MJM     | 2023 |
| M.Sc. Computer Science | .Net(Advanced)  | COS-554-MJM     | 2023 |
| M.Sc. Computer Science | ArtificialIntelligence  | COS-561-MJE (A) | 2023 |
| M.Sc. Computer Science | On Job Training / Field Projects                                    | COS-581-OJT/FP  | 2023 |
| M.Sc. Computer Science | SoftwareArchitecture &DesignPattern                                 | PSCS231         | 2023 |
| M.Sc. Computer Science | SoftComputing   | PSCS232         | 2023 |
| M.Sc. Computer Science | DataScienceand Analytics  | PSCS233         | 2023 |
| M.Sc. Computer Science | Web Services Architecture Using Dot Net Framework                   | PSCS234         | 2023 |
| M.Sc. Computer Science | Emerging Technologies -Python Programming – II(Advanced) (Elective) | PSCS235 (A)     | 2023 |
| M.Sc. Computer Science | EmergingTechnologies -RProgramming – I(C)(Elective)                 | PSCS235 (B)     | 2023 |
| M.Sc. Computer Science | Lab Course on PSCS133, 134 & PSCS135(A)                             | PSCS236         | 2023 |
| M.Sc. Computer Science | Project   | PSCS237         | 2023 |
| M.Sc. Computer Science | IndustrialTraining/InstitutionalProject(IT)                         | PSCS241         | 2023 |
| B.Com.                 | Financial Accounting I  | COM-101-MJM     | 2023 |
| B.Com.                 | Principles of Marketing   | COM-102-MJM     | 2023 |
| B.Com.                 | Introduction to Entrepreneurship                                    | COM-116-OE      | 2023 |
| B.Com.                 | Basics of Consumer Protection                                       | COM-117-OE      | 2023 |
| B.Com.                 | Financial Literacy I  | COM-121-VSC     | 2023 |



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**Cycle IV**

**2019 - 2024**

|        |  |                |      |
|--------|--|----------------|------|
| B.Com. | Financial Accounting I (Practical)       | COM-126-SEC    | 2023 |
| B.Com. | Ancient Tax System                       | COM-137-IKS    | 2023 |
| B.Com. | Financial Accounting II                  | COM-151-MJM    | 2023 |
| B.Com. | Principles of Management                 | COM-152-MJM    | 2023 |
| B.Com. | Marketing Management                     | COM-161-MN(A)  | 2023 |
| B.Com. | Cost and Works Accounting                | COM-161-MN(B)  | 2023 |
| B.Com. | Basics of Business Administration        | COM-161-MN(E)  | 2023 |
| B.Com. | Entrepreneurship Development             | COM-166-OE     | 2023 |
| B.Com. | Business Ethics                          | COM-167-OE     | 2023 |
| B.Com. | Financial Accounting II (Practical)      | COM-171-VSC    | 2023 |
| B.Com. | Financial Literacy II                    | COM-176-SEC    | 2023 |
| B.Com. | Business Communications I                | UCBC231        | 2023 |
| B.Com. | Business Communication I (Practical)     | UCBCSEC1       | 2023 |
| B.Com. | Corporate Accounting I                   | UCCA231        | 2023 |
| B.Com. | Business Management I                    | UCBM231        | 2023 |
| B.Com. | Elements of company Law I                | UCCL231        | 2023 |
| B.Com. | Marketing Management I                   | UCMM231(A)     | 2023 |
| B.Com. | Marketing Management II (Practical)      | UCMMSEC2(A)    | 2023 |
| B.Com. | Cost and Works Accounting I              | UCCWA231(B)    | 2023 |
| B.Com. | Cost and Works Accounting II (Practical) | UCCWASEC2(B)   | 2023 |
| B.Com. | Business Communications II               | UCBC241        | 2023 |
| B.Com. | Business Communications II               | UCBCSEC3       | 2023 |
| B.Com. | Corporate Accounting II (Practical)      | UCCA241        | 2023 |
| B.Com. | Business Management II                   | UCBM241        | 2023 |
| B.Com. | Elements of company Law II               | UCCL241        | 2023 |
| B.Com. | Marketing Management II                  | UCMM241(A)     | 2023 |
| B.Com. | Marketing Management II (Practical)      | UCMMSEC4(A)    | 2023 |
| B.Com. | Cost and Works Accounting II             | UCCWA241(B)    | 2023 |
| B.Com. | Cost and Works Accounting II (Practical) | UCCWASEC4(B)   | 2023 |
| M.Com. | Management Accounting                    | COM-501-MJM    | 2023 |
| M.Com. | Advance Accounting                       | COM-502-MJM    | 2023 |
| M.Com. | Income Tax                               | COM-503-MJM    | 2023 |
| M.Com. | Strategic Management                     | COM-504-MJM    | 2023 |
| M.Com. | Production and Operation Management      | COM-511-MJE(A) | 2023 |
| M.Com. | Advanced Cost Accounting                 | COM-511-MJE(B) | 2023 |
| M.Com. | Marketing Techniques                     | COM-511-MJE(C) | 2023 |
| M.Com. | Research Methodology for Business        | COM-521-RM     | 2023 |
| M.Com. | Financial Analysis and Control           | COM-551-MJM    | 2023 |
| M.Com. | Specialised Areas in Accounting          | COM-552-MJM    | 2023 |



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**2019 - 2024**

|        |  |                |      |
|--------|--|----------------|------|
| M.Com. | Business Tax Assessment                                | COM-553-MJM    | 2023 |
| M.Com. | Industrial Economics                                   | COM-554-MJM    | 2023 |
| M.Com. | Financial Management                                   | COM-561-MJE(A) | 2023 |
| M.Com. | Costing Techniques and Responsibility Accounting       | COM-561-MJE(B) | 2023 |
| M.Com. | Consumer Behaviour                                     | COM-561-MJE(C) | 2023 |
| M.Com. | Business Finance                                       | PCCO231        | 2023 |
| M.Com. | Research Methodology for Business                      | PCCO232        | 2023 |
| M.Com. | Advanced Auditing                                      | PCCO233        | 2023 |
| M.Com. | Specialised Areas in Auditing                          | PCCO234        | 2023 |
| M.Com. | Capital Market and Financial services                  | PCCO241        | 2023 |
| M.Com. | Industrial Economic Environment                        | PCCO242        | 2023 |
| M.Com. | Recent trends In Accounting Taxation                   | PCCO243        | 2023 |
| M.Com. | Recent trends In Auditing                              | PCCO244        | 2023 |
| M.Com. | Project Work   | PCCO245        | 2023 |
| BBA    | Business Demography and Business Environmental Studies | BBA-101-MJM    | 2023 |
| BBA    | Financial Accounting                                   | BBA-102-MJM    | 2023 |
| BBA    | Micro Economics  | BBA-103-MJM    | 2023 |
| BBA    | Business Organisation and Corporate Environment        | BBA-116-OE     | 2023 |
| BBA    | Business Etiquette                                     | BBA-117-OE     | 2023 |
| BBA    | Professional Communication Skill                       | BBA-121-VCE    | 2023 |
| BBA    | Community Work(Survey and Analysis)                    | BBA-126-SEC    | 2023 |
| BBA    | Environmental Science I                                | BBA-135-VEC    | 2023 |
| BBA    | Indian Management Gurus and their Contributions        | BBA-137-IKS    | 2023 |
| BBA    | Principles of Management                               | BBA-151-MJM    | 2023 |
| BBA    | Principles of Finance                                  | BBA-152-MJM    | 2023 |
| BBA    | Principles of Marketing                                | BBA-153-MJM    | 2023 |
| BBA    | Emotional Intelligence                                 | BBA-166-OE     | 2023 |
| BBA    | Risk Management  | BBA-167-OE     | 2023 |
| BBA    | Business Statistics                                    | BBA-171-VSC    | 2023 |
| BBA    | Industry Analysis and Desk Report                      | BBA-176-SEC    | 2023 |
| BBA    | Environmental Science                                  | BBA-185-VEC    | 2023 |
| BBA    | Global Competencies and Personality Development        | UBBA 231       | 2023 |
| BBA    | Business Ethics  | UBBA232        | 2023 |
| BBA    | Principles of Human Resource Management                | UBBA233        | 2023 |





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**Cycle IV**

**2019 - 2024**

|          |   |             |      |
|----------|---|-------------|------|
| BBA      | Macro Economics and Fundamentals of Rular Development             | UBBA234     | 2023 |
| BBA      | Legal Aspect in HRM   | UBBA235-A   | 2023 |
| BBA      | Organisational Behaviour+Dissertations                            | UBBA236-A   | 2023 |
| BBA      | Management Accounting   | UBBA 235-B  | 2023 |
| BBA      | Banking and Finance + Desertation                                 | UBBA236-B   | 2023 |
| BBA      | Reatil Management   | UBBA 235-C  | 2023 |
| BBA      | Sales and Distribution Management +Dissertations                  | UBBA 236-C  | 2023 |
| BBA      | Fundamental Of Service Mangement                                  | UBBA235-D   | 2023 |
| BBA      | Principals and Functions Of Service Management + Dissertations    | UBBA236-D   | 2023 |
| BBA      | Production and Operations   | UBBA 241    | 2023 |
| BBA      | Decision Making and Risk Management                               | UBBA242     | 2023 |
| BBA      | International Business  | UBBA 243    | 2023 |
| BBA      | Management Information System                                     | UBBA 244    | 2023 |
| BBA      | HRM Functions and Practices                                       | UBBA 245-A  | 2023 |
| BBA      | Employee Recruitment and HR record Management System+Dissertation | UBBA 246-A  | 2023 |
| BBA      | Business Taxation   | UBBA 245-B  | 2023 |
| BBA      | Financial Services and Dissertations                              | UBBA 246-B  | 2023 |
| BBA      | Advertising and Sales Promotions                                  | UBBA 245-C  | 2023 |
| BBA      | Digital Marketing + Dissertation                                  | UBBA246-C   | 2023 |
| BBA (CA) | Programming in C  | BCA-101-MJM | 2023 |
| BBA (CA) | Database Management System  | BCA-102-MJM | 2023 |
| BBA (CA) | Practical I   | BCA-103-MJM | 2023 |
| BBA (CA) | E-Commerce  | BCA-116-OE  | 2023 |
| BBA (CA) | Office Automation using MS-Office                                 | BCA-117-OE  | 2023 |
| BBA (CA) | Networking  | BCA-121-VSC | 2023 |
| BBA (CA) | MS-Excel Skills for Business                                      | BCA-126-SEC | 2023 |
| BBA (CA) | Indian Innovations in Computer and Technology                     | BCA-137-IKS | 2023 |
| BBA (CA) | Data Structure using C  | BCA-151-MJM | 2023 |
| BBA (CA) | Relational Database Management System                             | BCA-152-MJM | 2023 |
| BBA (CA) | Practical II  | BCA-153-MJM | 2023 |
| BBA (CA) | Basics of Computer  | BCA-161-MN  | 2023 |
| BBA (CA) | Python for Everyone   | BCA-166-OE  | 2023 |
| BBA (CA) | Introduction to Business Analytics                                | BCA-167-OE  | 2023 |
| BBA (CA) | Networking Laboratory   | BCA-171-VSC | 2023 |



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**2019 - 2024**

|           |   |              |      |
|-----------|---|--------------|------|
| BBA (CA)  | Advance Excel   | BCA-176-SEC  | 2023 |
| BBA (CA)  | Java Programming                                      | UBCA231      | 2023 |
| BBA (CA)  | PHP   | UBCA232A     | 2023 |
| BBA (CA)  | Node JS   | UBCA232B     | 2023 |
| BBA (CA)  | Python Programming                                    | UBCA233      | 2023 |
| BBA (CA)  | Operating System Concepts                             | UBCA234      | 2023 |
| BBA (CA)  | Business Statistics using R Programming               | UBCA235      | 2023 |
| BBA (CA)  | Computer Laboratory I [Based on UBCA231 & UBCA233]    | UBCA236      | 2023 |
| BBA (CA)  | Computer Laboratory II [Based on UBCA232 & UBCA235]   | UBCA237      | 2023 |
| BBA (CA)  | Advanced Java Programming                             | UBCA241      | 2023 |
| BBA (CA)  | Advanced PHP  | UBCA242A     | 2023 |
| BBA (CA)  | React JS  | UBCA242B     | 2023 |
| BBA (CA)  | Mathematical Foundation for Computer Applications     | UBCA243      | 2023 |
| BBA (CA)  | Software Testing and Automation                       | UBCA244      | 2023 |
| BBA (CA)  | Networking  | UBCA245      | 2023 |
| BBA (CA)  | Computer Laboratory I [Based on UBCA241 & UBCA 244]   | UBCA246      | 2023 |
| BBA (CA)  | Computer Laboratory II [Based on UBCA242 & UBCA 245]  | UBCA247      | 2023 |
| BBA (CA)  | Project   | UBCA248      | 2023 |
| B.A Hindi | आधुनिकहिंदीकहानीसाहित्य                               | HIN-101-MJM  | 2023 |
| B.A Hindi | प्रयोजनमूलकहिंदी                                      | HIN -102-MJM | 2023 |
| B.A Hindi | हिंदीसाहित्यऔरसिनेमा                                  | HIN -116-OE  | 2023 |
| B.A Hindi | लघुफिल्म : लेखनऔरनिर्माण                              | HIN -117-OE  | 2023 |
| B.A Hindi | निवेदनकौशल : सिद्धांतऔरस्वरूप                         | HIN -121-VSC | 2023 |
| B.A Hindi | अनुवाद सिद्धांत और स्वरूप :                           | HIN -126-SEC | 2023 |
| B.A Hindi | संत कबीर साहित्यिक परिचय :                            | HIN -137-IKS | 2023 |
| B.A Hindi | आधुनिक हिंदी काव्य साहित्य                            | HIN -151-MJM | 2023 |
| B.A Hindi | रचनात्मक हिंदी लेखन                                   | HIN -152-MJM | 2023 |
| B.A Hindi | साहित्यधारा गद्य), पद्य एवं पाठ्यपुस्तकेत्तर साहित्य( | HIN -161-MN  | 2023 |
| B.A Hindi | सोशल मिडिया और हिंदी                                  | HIN -166-OE  | 2023 |
| B.A Hindi | पत्रलेखन  | HIN -167-OE  | 2023 |
| B.A Hindi | निवेदन कौशल प्रत्यक्ष व्यवहार :                       | HIN -171-VSC | 2023 |



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**2019 - 2024**

|              |   |                 |      |
|--------------|---|-----------------|------|
| B.A Hindi    | अनुवाद प्रत्यक्ष व्यवहार :                                  | HIN -176-SEC    | 2023 |
| B.A Hindi    | सामान्यहिंदी  | UAHN231         | 2023 |
| B.A Hindi    | काव्यशास्त्र  | UAHN232         | 2023 |
| B.A Hindi    | उपन्यासतथा मध्ययुगीन काव्य                                  | UAHN233         | 2023 |
| B.A Hindi    | सामान्यहिंदी  | UAHN241         | 2023 |
| B.A Hindi    | काव्यशास्त्र  | UAHN242         | 2023 |
| B.A Hindi    | नाटक तथा मध्ययुगीन काव्य                                    | UAHN243         | 2023 |
| M.A.Hindi    | प्राचीनतथा मध्ययुगीन काव्य अमीर खुसरो और रहीम(              | HIN-501-MJM     | 2023 |
| M.A.Hindi    | आधुनिकहिंदी कथा साहित्य (उपन्यास और कहानी)                  | HIN -502-MJM    | 2023 |
| M.A.Hindi    | भारतीय साहित्यशास्त्र                                       | HIN -503-MJM    | 2023 |
| M.A.Hindi    | अनुवाद स्वरूप एवं व्यवहार :                                 | HIN -504-MJM    | 2023 |
| M.A.Hindi    | विशेष साहित्यकार - कबीर                                     | HIN -511-MJE    | 2023 |
| M.A.Hindi    | अनुसंधान प्रविधि  | HIN -521-RM     | 2023 |
| M.A.Hindi    | मध्ययुगीन हिंदी काव्य जायसी), बिहारी, भूषण(                 | HIN -551-MJM    | 2023 |
| M.A.Hindi    | हिंदी नाटक और रंगमंच  | HIN -552-MJM    | 2023 |
| M.A.Hindi    | पाश्चात्य साहित्यशास्त्र                                    | HIN -553-MJM    | 2023 |
| M.A.Hindi    | पटकथा लेखन  | HIN -554-MJM    | 2023 |
| M.A.Hindi    | विशेष विधा हिंदी उपन्यास-                                   | HIN -561-MJE    | 2023 |
| M.A.Hindi    | On Job Training/Field Project relevant to the major course. | HIN -581-OJT/FP | 2023 |
| M.A.Hindi    | आधुनिककाव्य   | PAHN231         | 2023 |
| M.A.Hindi    | भाषाविज्ञान   | PAHN232         | 2023 |
| M.A.Hindi    | हिंदीसाहित्य का इतिहास                                      | PAHN233         | 2023 |
| M.A.Hindi    | वैकल्पिकआधुनिक हिंदी आलोचना:                                | PAHN234         | 2023 |
| M.A.Hindi    | आधुनिककाव्य 2   | PAHN241         | 2023 |
| M.A.Hindi    | हिंदी भाषाका ऐतिहासिक विकास                                 | PAHN242         | 2023 |
| M.A.Hindi    | हिंदीसाहित्य का इतिहास (आधुनिक काल)                         | PAHN243         | 2023 |
| M.A.Hindi    | वैकल्पिकलोकसाहित्य:   | PAHN244         | 2023 |
| BA Economics | Introduction to Micro Economics I                           | ECO-101-MJM     | 2023 |
| BA Economics | History of Economic Thought I                               | ECO-102-MJM     | 2023 |
| BA Economics | Indian Economy I  | ECO-116-OE      | 2023 |
| BA Economics | Public Finance I  | ECO-117-OE      | 2023 |
| BA Economics | Introduction to Financial Markets I                         | ECO-121-VSC     | 2023 |





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**Cycle IV**

**2019 - 2024**

|                |  |                |      |
|----------------|--|----------------|------|
| BA Economics   | Financial Planning and Portfolio Management I  | ECO-126-SEC    | 2023 |
| BA Economics   | Environmental Economics I                      | ECO-135-VEC    | 2023 |
| BA Economics   | Ancient Indian Economic Thoughts               | ECO-137-IKS    | 2023 |
| BA Economics   | Introduction to Macro Economics                | ECO-151-MJM    | 2023 |
| BA Economics   | History of Economic Thought II                 | ECO-152-MJM    | 2023 |
| BA Economics   | Fundamentals of Banking                        | ECO-161-MN     | 2023 |
| BA Economics   | Indian Economy II                              | ECO-166-OE     | 2023 |
| BA Economics   | Public Finance II                              | ECO-167-OE     | 2023 |
| BA Economics   | Introduction to Financial Markets II           | ECO-171-VSC    | 2023 |
| BA Economics   | Financial Planning and Portfolio Management II | ECO-176-SEC    | 2023 |
| BA Economics   | Banking & Finance                              | UAEC231        | 2023 |
| BA Economics   | Micro Economics I                              | UAEC232        | 2023 |
| BA Economics   | Macro Economics II                             | UAEC233        | 2023 |
| BA Economics   | Stock Market Analysis I                        | UAECSEC-1      | 2023 |
| BA Economics   | Cooperation                                    | UAEC241        | 2023 |
| BA Economics   | Micro Economics I                              | UAEC242        | 2023 |
| BA Economics   | Macro Economics II                             | UAEC243        | 2023 |
| BA Economics   | Stock Market Analysis II                       | UAECSEC-2      | 2023 |
| M.A.Economics  | Micro Economics I                              | ECO-501-MJM    | 2023 |
| M.A.Economics  | Public Finance I                               | ECO-502-MJM    | 2023 |
| M.A. Economics | International Economics I                      | ECO-503-MJM    | 2023 |
| M.A. Economics | History of Economic Thought I                  | ECO-504-MJM    | 2023 |
| M.A. Economics | Indian Economic Policy I                       | ECO -511-MJE   | 2023 |
| M.A. Economics | Research Methodology                           | ECO -511-RM    | 2023 |
| M.A. Economics | Macro Economics II                             | ECO 551MJM     | 2023 |
| M.A. Economics | Public Finance II                              | ECO 552 MJM    | 2023 |
| M.A. Economics | International Economics II                     | ECO 553 MJM    | 2023 |
| M.A. Economics | History of Economic Thought II                 | ECO 554 MJM    | 2023 |
| M.A. Economics | Indian Economic Policy II                      | ECO 561 MJE    | 2023 |
| M.A. Economics | On Job Training/Field Project                  | ECO-581-OJT/FP | 2023 |
| M.A. Economics | Macro Economics I                              | PAEC 231       | 2023 |
| M.A. Economics | Growth and Development I                       | PAEC 232       | 2023 |
| M.A. Economics | Agribusiness Economics I                       | PAEC 233       | 2023 |
| M.A. Economics | Research Methodology                           | PAEC 234       | 2023 |
| M.A. Economics | Computer Application I                         | PAEC SEC 01    | 2023 |
| M.A. Economics | Tourism Management I                           | PAEC SEC 02    | 2023 |
| M.A. Economics | Macro Economics II                             | PAEC 241       | 2023 |



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**2019 - 2024**

|                |   |             |      |
|----------------|---|-------------|------|
| M.A. Economics | Growth and Development II                         | PAEC 242    | 2023 |
| M.A. Economics | Agribusiness Economics II                         | PAEC 243    | 2023 |
| M.A. Economics | Modern Banking                                    | PAEC 244    | 2023 |
| M.A. Economics | Research Projects                                 | PAECRP      | 2023 |
| M.A. Economics | Computer Application II                           | PAEC SEC 01 | 2023 |
| M.A. Economics | Tourism Management II                             | PAEC SEC 02 | 2023 |
| B.A. Politics  | Introduction to Political Science                 | POL-101-MJM | 2023 |
| B.A. Politics  | Principles in Public Administration               | POL-102-MJM | 2023 |
| B.A. Politics  | Basics of Indian Constitution                     | POL-116-OE  | 2023 |
| B.A. Politics  | Understanding Mahatma Gandhi                      | POL-117-OE  | 2023 |
| B.A. Politics  | Political Journalism                              | POL-121-VSC | 2023 |
| B.A. Politics  | Political Leadership Development                  | POL-126-SEC | 2023 |
| B.A. Politics  | Historical Background of Indian Political Thought | POL-137-IKS | 2023 |
| B.A. Politics  | Political Thought Before Independence             | POL-151-MJM | 2023 |
| B.A. Politics  | Administrative System                             | POL-152-MJM | 2023 |
| B.A. Politics  | Local Self Government                             | POL-161-MN  | 2023 |
| B.A. Politics  | Understanding Dr. Babasaheb Ambedkar              | POL-166-OE  | 2023 |
| B.A. Politics  | Constitutional Mechanism in India                 | POL-167-OE  | 2023 |
| B.A. Politics  | Political & Social Movements                      | POL-171-VSC | 2023 |
| B.A. Politics  | Political Journalism in Indian                    | POL-176-SEC | 2023 |
| B.A. Politics  | Political Theory                                  | UAPO 231    | 2023 |
| B.A. Politics  | Western Political Thought S-I                     | UAPO 232    | 2023 |
| B.A. Politics  | Political Sociology S-I                           | UAPO 233    | 2023 |
| B.A. Politics  | Basics Of Indian Constitution                     | UAPO SEC-1  | 2023 |
| B.A. Politics  | Political Theory G-Ii                             | UAPO 241    | 2023 |
| B.A. Politics  | Western Political Thought S-I                     | UAPO 242    | 2023 |
| B.A. Politics  | Political Sociology S-I                           | UAPO 243    | 2023 |
| B.A. Politics  | Basics Of Indian Constitution                     | UAPO SEC-2  | 2023 |
| M.A. Politics  | Political Theory                                  | POL-501-MJM | 2023 |
| M.A. Politics  | Public Administration                             | POL-502-MJM | 2023 |
| M.A. Politics  | Political Institutions in India                   | POL-503-MJM | 2023 |
| M.A. Politics  | Political Leadership Development                  | POL-504-MJM | 2023 |
| M.A. Politics  | Modern Political Ideologies                       | POL-511-MJE | 2023 |
| M.A. Politics  | Research Methodology in Political Science         | POL-521RM   | 2023 |
| M.A. Politics  | Public policy                                     | POL-551-MJM | 2023 |
| M.A. Politics  | Issues in World Politics                          | POL-552-MJM | 2023 |
| M.A. Politics  | Comparative Politics                              | POL-553-MJM | 2023 |



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**Cycle IV**

**2019 - 2024**

|               |  |                |      |
|---------------|--|----------------|------|
| M.A. Politics | Local Self Government                                      | POL-554-MJM    | 2023 |
| M.A. Politics | Political Process in Maharashtra                           | POL-561-MJE    | 2023 |
| M.A. Politics | On Job Training/Field Project relevant to the major course | POL-581-OJT/FP | 2023 |
| M.A. Politics | Political Theory   | PAPO 231       | 2023 |
| M.A. Politics | Political Sociology  | PAPO 232       | 2023 |
| M.A. Politics | Issues in World Politics                                   | PAPO 233       | 2023 |
| M.A. Politics | Indian Administration                                      | PAPO 234       | 2023 |
| M.A. Politics | Active Citizenship   | PAPO SEC-1     | 2023 |
| M.A. Politics | Quantitative Research Methods and Data Analysis            | PAPO SEC -2    | 2023 |
| M.A. Politics | Political Thinking in Modern India                         | PAPO 241       | 2023 |
| M.A. Politics | Political Process in India                                 | PAPO 242       | 2023 |
| M.A. Politics | Political Participation                                    | PAPO 243       | 2023 |
| M.A. Politics | Party System in India                                      | PAPO 244       | 2023 |
| M.A. Politics | Political Leadership Development                           | PAPO SEC -3    | 2023 |
| M.A. Politics | Quantitative Research Methods and Data Analysis            | PAPO SEC -4    | 2023 |
| B.A. History  | Early Indian Social Organization                           | HIS-101-MJM    | 2023 |
| B.A. History  | Early India: From Prehistory to the Age of the Mauryas     | HIS-102-MJM    | 2023 |
| B.A. History  | Maratha History (1630-1707)                                | HIS-116-OE     | 2023 |
| B.A. History  | Ancient Maharashtra  | HIS-117-OE     | 2023 |
| B.A. History  | Tourism Management   | HIS-121-VSC    | 2023 |
| B.A. History  | Introduction to Food Tourism in India                      | HIS-126-SEC    | 2023 |
| B.A. History  | Popular Indian Culture                                     | HIS-137-IKS    | 2023 |
| B.A. History  | Religious systems of Early India                           | HIS-151-MJM    | 2023 |
| B.A. History  | Early India: Post Mauryan Age to The Rashtrakutas          | HIS-152-MJM    | 2023 |
| B.A. History  | Prehistory and Proto-history of India                      | HIS-161-MN     | 2023 |
| B.A. History  | History of the Marathas 1707-1761                          | HIS-166-OE     | 2023 |
| B.A. History  | Medieval Maharashtra                                       | HIS-167-OE     | 2023 |
| B.A. History  | Travel Agency and Tour Business                            | HIS-171-VSC    | 2023 |
| B.A. History  | Culinary History of India                                  | HIS-176-SEC    | 2023 |
| B.A. History  | Medieval History – Sultana Period                          | UAHS 231       | 2023 |
| B.A. History  | History of the Marathas : (1630 – 1707)                    | UAHS 232       | 2023 |
| B.A. History  | History of the Modern World Part I                         | UAHS 233       | 2023 |
| B.A. History  | Art and Architecture in Early India                        | UAHS SEC 234   | 2023 |
| B.A. History  | Medieval India – Mughal Period                             | UAHS 241       | 2023 |





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**Cycle IV**

**2019 - 2024**

|                |  |                |      |
|----------------|--|----------------|------|
| B.A. History   | History of the Marathas: 1707-1818   | UAHS 242       | 2023 |
| B.A. History   | Glimpses of the Modern World   | UAHS 243       | 2023 |
| B.A. History   | Medieval Indian Art and Architecture   | UAHS SEC 244   | 2023 |
| M.A. History   | History and Its Theory   | HIS-501-MJM    | 2023 |
| M.A. History   | Evolution of Ideas and Institutions in Early India                             | HIS-502-MJM    | 2023 |
| M.A. History   | Maratha Polity   | HIS-504-MJM    | 2023 |
| M.A. History   | Heritage Management  | HIS-511-MJE    | 2023 |
| M.A. History   | Social Background of Dalit Movement In Maharashtra                             | HIS-521-RM     | 2023 |
| M.A. History   | Approaches To History  | HIS-551-MJM    | 2023 |
| M.A. History   | Socio-Economic and Cultural History of Medieval India (1206-1857)              | HIS-552-MJM    | 2023 |
| M.A. History   | Socio-Economic History of the Maratha Period                                   | HIS-553-MJM    | 2023 |
| M.A. History   | Numismatics  | HIS-554-MJM    | 2023 |
| M.A. History   | History of Dalit Movement In Maharashtra                                       | HIS-561-MJE    | 2023 |
| M.A. History   | On Job Training/Field Project relevant to the major course.                    | HIS-581-OJT/FP | 2023 |
| M.A. History   | British Administrative Policies in India 1765-1892                             | PAHS 231       | 2023 |
| M.A. History   | Intellectual History of Modern World   | PAHS 232       | 2023 |
| M.A. History   | Economic History of Modern India   | PAHS 233       | 2023 |
| M.A. History   | Ancient and Medieval Civilizations of the World                                | PAHS 234       | 2023 |
| M.A. History   | Research Paper Writing   | PAHS SEC 1     | 2023 |
| M.A. History   | Yoga : History and Practice  | PAHS SEC II    | 2023 |
| M.A. History   | Modern Maharashtra : A History of Ideas (1818-1960)                            | PAHS 241       | 2023 |
| M.A. History   | Debates in Indian Historiography   | PAHS 242       | 2023 |
| M.A. History   | World after World War II (1945-2000)   | PAHS 243       | 2023 |
| M.A. History   | History of Modern India (1857-1971)  | PAHS 244       | 2023 |
| M.A. History   | South Indian Art and Architecture (From 4th Century A.D. to 12th Century A.D.) | PAHS SDC 1     | 2023 |
| M.A. History   | Archaeology  | PAHS SDC 2     | 2023 |
| B.A. Geography | Physical Geography   | GEO-101-MJM    | 2023 |
| B.A. Geography | Practical in Physical Geography  | GEO-102-MJM    | 2023 |
| B.A. Geography | Principles of Remote Sensing-I   | GEO-116-OE     | 2023 |
| B.A. Geography | Principles of Geoinformatics-I   | GEO-117-OE     | 2023 |
| B.A. Geography | Land Surveying   | GEO-121-VSC    | 2023 |



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|----------------|---|-----------------|------|
| B.A. Geography | Fundamentals of Google Earth                    | GEO-126-SEC     | 2023 |
| B.A. Geography | Environmental Pollution and Value Education     | GEO-135-VEC     | 2023 |
| B.A. Geography | Ancient Indian Geographical Thoughts            | GEO-137-IKS     | 2023 |
| B.A. Geography | Human Geography                                 | GEO-151-MJM     | 2023 |
| B.A. Geography | Practical in Human Geography                    | GEO-152-MJM     | 2023 |
| B.A. Geography | Fundamentals of Geography                       | GEO-161-MN      | 2023 |
| B.A. Geography | Geography of India                              | GEO-166-OE      | 2023 |
| B.A. Geography | Cartographic Techniques For Data Representation | GEO-167-OE      | 2023 |
| B.A. Geography | Map Making in Arc GIS                           | GEO-171-VSC     | 2023 |
| B.A. Geography | Fundamentals of Google Map                      | GEO-176-SEC     | 2023 |
| B.A. Geography | Save The Earth                                  | GEO-185-VEC     | 2023 |
| B.A. Geography | Geography of Disaster Management-I              | UAGG231         | 2023 |
| B.A. Geography | Physical Geography of Maharashtra               | UAGG232         | 2023 |
| B.A. Geography | Practical in Elements of Map and Surveying      | UAGG233         | 2023 |
| B.A. Geography | Fundamentals of Google Earth                    | UAGGSEC-1       | 2023 |
| B.A. Geography | Geography of Disaster Management-II             | UAGG241         | 2023 |
| B.A. Geography | Human Geography of Maharashtra                  | UAGG242         | 2023 |
| B.A. Geography | Statistical Techniques in Geography             | UAGG243         | 2023 |
| B.A. Geography | Research Methodology in Geography               | UAGGSEC-2       | 2023 |
| M.A. Geography | Principles of Geomorphology                     | GEO 501MJM      | 2023 |
| M.A. Geography | Principles of Population Geography              | GEO 502 MJM     | 2023 |
| M.A. Geography | Practical in Geomorphology                      | GEO 503 MJM     | 2023 |
| M.A. Geography | Practical in Population Geography               | GEO 504 MJM     | 2023 |
| M.A. Geography | Fluvial Geomorphology                           | GEO 511 MJE (A) | 2023 |
| M.A. Geography | Geography of Rural Settlement                   | GEO 511 MJE (B) | 2023 |
| M.A. Geography | Research Methodology in Geography               | GEO 521 RM      | 2023 |
| M.A. Geography | Principles of Climatology                       | GEO 551MJM      | 2023 |
| M.A. Geography | Principles of Economic Geography                | GEO 552 MJM     | 2023 |
| M.A. Geography | Practical in Climatology                        | GEO 553 MJM     | 2023 |
| M.A. Geography | Practical in Economic Geography                 | GEO 554 MJM     | 2023 |
| M.A. Geography | Coastal Geomorphology                           | GEO 561 MJE (A) | 2023 |
| M.A. Geography | Components of Population Geography              | GEO 561 MJE (B) | 2023 |
| M.A. Geography | On Job Training                                 | GEO 581 OJT     | 2023 |
| M.A. Geography | Geoinformatics II                               | PAGG 231        | 2023 |
| M.A. Geography | Research Methodology                            | PAGG 232        | 2023 |
| M.A. Geography | Tropical Geomorphology                          | PAGG 233 (A)    | 2023 |
| M.A. Geography | Agro-Meteorology                                | PAGG 233 (B)    | 2023 |



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**2019 - 2024**

|                |  |              |      |
|----------------|--|--------------|------|
| M.A. Geography | Urban Geography                                  | PAGG 233 (C) | 2023 |
| M.A. Geography | Practical in GIS                                 | PAGG 234     | 2023 |
| M.A. Geography | Watershed Management                             | PAGG 235     | 2023 |
| M.A. Geography | Practical in Geomorphology                       | PAGG 236 (A) | 2023 |
| M.A. Geography | Practical in Climatology                         | PAGG 236 (B) | 2023 |
| M.A. Geography | Practical in Population and Settlement Geography | PAGG 236 (C) | 2023 |
| M.A. Geography | Advanced Techniques in Google Earth              | PAGG SEC 01  | 2023 |
| M.A. Geography | Geography of India                               | PAGG 241     | 2023 |
| M.A. Geography | Oceanography                                     | PAGG 242     | 2023 |
| M.A. Geography | Geographical Thoughts                            | PAGG 243     | 2023 |
| M.A. Geography | Geography of Soils                               | PAGG 244     | 2023 |
| M.A. Geography | Practical in Remote Sensing                      | PAGG 245     | 2023 |
| M.A. Geography | Dissertation / Research Project                  | PAGG 246     | 2023 |
| M.A. Geography | Advanced Techniques in Google Map                | PAGG SEC 02  | 2023 |
| B.A. Sociology | Basic Concepts in Sociology                      | SOC-101-MJM  | 2023 |
| B.A. Sociology | Family and Marriage in India                     | SOC -102-MJM | 2023 |
| B.A. Sociology | Gender and Inequality in India                   | SOC -116-OE  | 2023 |
| B.A. Sociology | Industrial work in India                         | SOC -117-OE  | 2023 |
| B.A. Sociology | Personality and Development Skill                | SOC -121-VSC | 2023 |
| B.A. Sociology | Basic in Social Research                         | SOC -126-SEC | 2023 |
| B.A. Sociology | Sociology of change and development              | SOC -135-VEC | 2023 |
| B.A. Sociology | Perspectives on Indian Society                   | SOC -137-IKS | 2023 |
| B.A. Sociology | Basic Concepts in Sociology- II                  | SOC -151- MT | 2023 |
| B.A. Sociology | Social Institutions in India                     | SOC -152- MT | 2023 |
| B.A. Sociology | Political Sociology                              | SOC -161-MN  | 2023 |
| B.A. Sociology | New Social Media                                 | SOC -166-OE  | 2023 |
| B.A. Sociology | Social Environment                               | SOC -167-OE  | 2023 |
| B.A. Sociology | Industrial Sociology                             | SOC -171-VSC | 2023 |
| B.A. Sociology | Rural Sociology                                  | SOC -176-SEC | 2023 |
| B.A. Sociology | Principles of Sociology                          | SOC -185-VEC | 2023 |
| B.A. Sociology | Population and Society                           | UASO231      | 2023 |
| B.A. Sociology | Foundations of Sociological Thought              | UASO232      | 2023 |
| B.A. Sociology | Indian Society: Issues and Problems              | UASO233      | 2023 |
| B.A. Sociology | Basic Research in Sociology                      | SEC- I       | 2023 |
| B.A. Sociology | Population and Society                           | UASO241      | 2023 |
| B.A. Sociology | Foundations of Sociological Thought              | UASO242      | 2023 |
| B.A. Sociology | Indian Society: Issues and Problems              | UASO243      | 2023 |
| B.A. Sociology | Basic Research in Sociology                      | SEC- II      | 2023 |





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# TULJARAM CHATURCHAND COLLEGE

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**2019 - 2024**

|                      |  |              |      |
|----------------------|--|--------------|------|
| B.A. Defence Studies | Defence Organization of India Part-I     | DEF-101-MJM  | 2023 |
| B.A. Defence Studies | Indian art of War post 1947 Part-I       | DEF-102-MJM  | 2023 |
| B.A. Defence Studies | Key Concept of National Security Part-I  | DEF-116-OE   | 2023 |
| B.A. Defence Studies | Maratha Military System Part-I           | DEF-117-OE   | 2023 |
| B.A. Defence Studies | Basics of Defence Journalism Part-I      | DEF-121-VSC  | 2023 |
| B.A. Defence Studies | Indian Military History                  | DEF-137-IKS  | 2023 |
| B.A. Defence Studies | Basics of Cyber Security Part-I          | DEF-126-SEC  | 2023 |
| B.A. Defence Studies | Defence Organization of India Part-II    | DEF-151-MJM  | 2023 |
| B.A. Defence Studies | Indian art of War post 1947 Part-II      | DEF-152-MJM  | 2023 |
| B.A. Defence Studies | Key Concept of National Security Part-II | DEF-166-OE   | 2023 |
| B.A. Defence Studies | Maratha Military System Part-II          | DEF-167-OE   | 2023 |
| B.A. Defence Studies | Basics of Defence Journalism Part-II     | DEF-171-VSC  | 2023 |
| B.A. Defence Studies | Basics of Cyber Security Part-I          | DEF-176-SEC  | 2023 |
| B.A. Defence Studies | Maritime Security of India               | DEF-161- MN  | 2023 |
| B.A. Defence Studies | Military Geography- I                    | UADS231 (A)  | 2023 |
| B.A. Defence Studies | Geopolitics-I                            | UADS231 (B)  | 2023 |
| B.A. Defence Studies | International Relations I                | UADS 232     | 2023 |
| B.A. Defence Studies | India's Internal Security I              | UADS 233     | 2023 |
| B.A. Defence Studies | Military Geography- II                   | UADS 241 (A) | 2023 |
| B.A. Defence Studies | Geopolitics-II                           | UADS 241 (B) | 2023 |
| B.A. Defence Studies | International Relations II               | UADS 242     | 2023 |
| B.A. Defence Studies | Indias Internal Security-II              | UADS 243     | 2023 |
| B.A. Philosophy &    | Introduction to Philosophy               | PHI-101-MJM  | 2023 |



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**2019 - 2024**

|                         |   |             |      |
|-------------------------|---|-------------|------|
| Logic                   |   |             |      |
| B.A. Philosophy & Logic | Ancient Indian Philosophy- Vedic & Non-Vedic              | PHI-102-MJM | 2023 |
| B.A. Philosophy & Logic | Traditional Logic: Syllogistic Reasoning                  | PHI-116-OE  | 2023 |
| B.A. Philosophy & Logic | Philosophy Of Religion                                    | PHI-117-OE  | 2023 |
| B.A. Philosophy & Logic | Yog Philosophy  | PHI-121-VSC | 2023 |
| B.A. Philosophy & Logic | Logical Reasoning   | PHI-126-SEC | 2023 |
| B.A. Philosophy & Logic | Values In Practical Life                                  | PHI-135-VEC | 2023 |
| B.A. Philosophy & Logic | Ancient Indian Philosophical Knowledge                    | PHI-137-IKS | 2023 |
| B.A. Philosophy & Logic | Moral Philosophy  | PHI-151-MJM | 2023 |
| B.A. Philosophy & Logic | Western Philosophy- The Presocratics, Sophists & Socrates | PHI-152-MJM | 2023 |
| B.A. Philosophy & Logic | Social Philosophy   | PHI-161-MN  | 2023 |
| B.A. Philosophy & Logic | Logic And Its Application                                 | PHI-166-OE  | 2023 |
| B.A. Philosophy & Logic | Philosophy Of Religion (Advance)                          | PHI-167-OE  | 2023 |
| B.A. Philosophy & Logic | Applied Yog   | PHI-171-VSC | 2023 |
| B.A. Philosophy & Logic | Philosophical Counselling                                 | PHI-176-SEC | 2023 |
| B.A. Philosophy & Logic | Philosophy of Indian Saints                               | UAPH231     | 2023 |
| B.A. Philosophy & Logic | Indian & Western Philosophy                               | UAPH232     | 2023 |
| B.A. Philosophy & Logic | Jain Philosophy   | UAPH233     | 2023 |
| B.A. Philosophy & Logic | Philosophical Counselling                                 | UAPHSEC-1   | 2023 |
| B.A. Philosophy & Logic | Ethics in Human Life                                      | UAPHSEC-2   | 2023 |
| B.A. Philosophy & Logic | Philosophy of Indian Saints                               | UAPH241     | 2023 |
| B.A. Philosophy & Logic | Indian & Western Philosophy                               | UAPH242     | 2023 |
| B.A. Philosophy & Logic | Jain Philosophy   | UAPH243     | 2023 |



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**2019 - 2024**

| Logic                   |  |             |      |
|-------------------------|--|-------------|------|
| B.A. Philosophy & Logic | Symbolic Logic                                     | UALO231     | 2023 |
| B.A. Philosophy & Logic | Symbolic Logic                                     | UALO241     | 2023 |
| B.A. Sanskrit           | Self Management And Bhagavadgita - I               | SAN-116-OE  | 2023 |
| B.A. Sanskrit           | Self Management And Bhagavadgita – II              | SAN-117-OE  | 2023 |
| B.A. Sanskrit           | Sanskrit Antrang                                   | SAN-166-OE  | 2023 |
| B.A. Sanskrit           | Prachin Bharatiya Ganitshastra Parichay            | SAN-167-OE  | 2023 |
| B.A. Sanskrit           | Sanskrit Bhasha Pravesha                           | SAN-161-MN  | 2023 |
| B.A. Sanskrit           | Sanskrit Parichay – 1                              | UASA231     | 2023 |
| B.A. Sanskrit           | Sanskrit Parichay – 2                              | UASA241     | 2023 |
| B.Lib.I.Sci.            | Knowledge Organization: Classification: A          | LIS-101-MJM | 2023 |
| B.Lib.I.Sci.            | Information Processing: Cataloguing -A             | LIS-102-MJM | 2023 |
| B.Lib.I.Sci.            | E Resources Management                             | LIS-116-OE  | 2023 |
| B.Lib.I.Sci.            | Library Management System                          | LIS-117-OE  | 2023 |
| B.Lib.I.Sci.            | Knowledge Organization: Classification : Practical | LIS-121-VSC | 2023 |
| B.Lib.I.Sci.            | Soft Skills For LIS Professionals: Practical       | LIS-126-SEC | 2023 |
| B.Lib.I.Sci.            | Information Technology : Theory                    | LIS-151-MJM | 2023 |
| B.Lib.I.Sci.            | Information Processing: Cataloguing -B             | LIS-152-MJM | 2023 |
| B.Lib.I.Sci.            | Reference Service & Sources                        | LIS-161-MJM | 2023 |
| B.Lib.I.Sci.            | Information Literacy                               | LIS-166-OE  | 2023 |
| B.Lib.I.Sci.            | Intellectual Property Rights                       | LIS-167-OE  | 2023 |
| B.Lib.I.Sci.            | Information Processing: Cataloguing :Practical     | LIS-171-VSC | 2023 |
| B.Lib.I.Sci.            | Information Technology : Practical                 | LIS-176-SEC | 2023 |
| M.Lib.I.Sci.            | Information Communication Society                  | LIS-501-MJM | 2023 |
| M.Lib.I.Sci.            | Management of Libraries & Information Centers – A  | LIS-502-MJM | 2023 |
| M.Lib.I.Sci.            | Information Technology Applications : Practical    | LIS-503-MJM | 2023 |
| M.Lib.I.Sci.            | Information Retrieval                              | LIS-504-MJM | 2023 |
| M.Lib.I.Sci.            | Academic Library System                            | LIS-511-MJE | 2023 |
| M.Lib.I.Sci.            | Introduction to Research Methodology               | LIS-521-RM  | 2023 |
| M.Lib.I.Sci.            | Management of Libraries & Information Centres –B   | LIS-551-MJM | 2023 |
| M.Lib.I.Sci.            | Statistical Techniques of Research Bibliometrics   | LIS-552-MJM | 2023 |





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**2019 - 2024**

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|--------------|--|--------------|------|
| M.Lib.I.Sci. | Information Communication Technology : Practical     | LIS-553-MJM  | 2023 |
| M.Lib.I.Sci. | Bibliographic Control & Information Systems          | LIS-554-MJM  | 2023 |
| M.Lib.I.Sci. | Information Technology: (Theory)                     | LIS-561-MJE  | 2023 |
| M.Lib.I.Sci. | Project Work   | LIS-581-FP   | 2023 |
| B.A. Marathi | मराठीसाहित्यकथा :                                    | MAR -101-MJM | 2023 |
| B.A. Marathi | मराठीभाषेची कौशल्ये१-                                | MAR 102-MJM  | 2023 |
| B.A. Marathi | भाषा आणिउपयोजित मराठी १-                             | MAR -116-OE  | 2023 |
| B.A. Marathi | भाषा आणिउपयोजित मराठी २-                             | MAR -117-OE  | 2023 |
| B.A. Marathi | मराठीभाषेचे सर्जनशील उपयोजन                          | MAR -121-VSC | 2023 |
| B.A. Marathi | मराठीव्याकरण स्वरूप विचार१-                          | MAR -126-SEC | 2023 |
| B.A. Marathi | मानव्यविद्याव ललित कलांचा अभ्यास                     | MAR -137-IKS | 2023 |
| B.A. Marathi | मराठीसाहित्यकविता :                                  | MAR -151-MJM | 2023 |
| B.A. Marathi | मराठीभाषेची कौशल्ये                                  | MAR -152-MJM | 2023 |
| B.A. Marathi | मराठीसाहित्यललित गद्य :                              | MAR -161-MN  | 2023 |
| B.A. Marathi | व्यावसायिकलेखन                                       | MAR -166-OE  | 2023 |
| B.A. Marathi | आधुनिक वइलेक्ट्रॉनिक्स माध्यमांसाठी लेखन             | MAR -167-OE  | 2023 |
| B.A. Marathi | मराठीभाषेचे संगणकीय उपयोजन                           | MAR -171-VSC | 2023 |
| B.A. Marathi | प्रयोगाधिष्ठीतकलांचा अभ्यास (नाटक व चित्रपट)         | MAR -176-SEC | 2023 |
| B.A. Marathi | आधुनिकमराठीसाहित्यआणिउपयोजितमराठी                    | UAMR231      | 2023 |
| B.A. Marathi | मराठीसाहित्यातीलविविधसाहित्यप्रवाह                   | UAMR232      | 2023 |
| B.A. Marathi | अर्वाचीनमराठीवाङ्मयाचाइतिहास (१८१८ते१९२०)            | UAMR233      | 2023 |
| B.A. Marathi | आधुनिकमराठीसाहित्यआणिउपयोजितमराठी                    | UAMR241      | 2023 |
| B.A. Marathi | मराठीसाहित्यातीलविविधसाहित्यप्रवाह                   | UAMR242      | 2023 |
| B.A. Marathi | अर्वाचीनमराठीवाङ्मयाचाइतिहास (1920ते 1960)           | UAMR243      | 2023 |
| M.A. Marathi | व्यावहारिकआणि उपयोजित मराठी भाग१ -                   | MAR -501-MJM | 2023 |
| M.A. Marathi | मध्ययुगीनमराठी वाङ्मयाचा इतिहास १६०० प्रारंभ ते))    | MAR -502-MJM | 2023 |
| M.A. Marathi | भाषाविज्ञानवर्णनात्मक-                               | MAR -503-MJM | 2023 |
| M.A. Marathi | वृत्तपत्रसंपादन                                      | MAR -504-MJM | 2023 |
| M.A. Marathi | ग्रामीणसाहित्य                                       | MAR -511-MJE | 2023 |
| M.A. Marathi | Reserch methodoloy in Marathi                        | MAR-521-RM   | 2023 |
| M.A. Marathi | व्यावहारिकआणि उपयोजित मराठी भाग२ -                   | MAR -551-MJM | 2023 |
| M.A. Marathi | मध्ययुगीनमराठी वाङ्मयाचा इतिहास १६००ते प्रारंभ) १८१८ | MAR -552-MJM | 2023 |



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|                  |                                      |              |      |
|------------------|--------------------------------------|--------------|------|
| M.A. Marathi     | भाषाविज्ञानसामाजिक-                  | MAR -553-MJM | 2023 |
| M.A. Marathi     | कथालेखननिर्मितीवस्वरूप               | MAR -554-MJM | 2023 |
| M.A. Marathi     | दलितसाहित्य                          | MAR -561-MJE | 2023 |
| M.A. Marathi     | प्रसारमाध्यमेआणि साहित्य व्यवहार     | PAMR231      | 2023 |
| M.A. Marathi     | साहित्यसंशोधन                        | PAMR232      | 2023 |
| M.A. Marathi     | विशेषलेखकाचा अभ्यास -मध्ययुगीन       | PAMR233      | 2023 |
| M.A. Marathi     | वैचारिक साहित्य                      | PAMR234      | 2023 |
| M.A. Marathi     | प्रसारमाध्यमेआणि साहित्य व्यवहार     | PAMR241      | 2023 |
| M.A. Marathi     | साहित्यसंशोधन                        | PAMR242      | 2023 |
| M.A. Marathi     | विशेषलेखकाचा अभ्यास -मध्ययुगीन       | PAMR243      | 2023 |
| M.A. Marathi     | साहित्याचासामाजिकदृष्टीनेअभ्यास      | PAMR244      | 2023 |
| B. A. Psychology | Fondation of Psychology              | PSY-101-MJM  | 2023 |
| B. A. Psychology | Positive Psychology                  | PSY-102-MJM  | 2023 |
| B. A. Psychology | Personality Develoment               | PSY-116-OE   | 2023 |
| B. A. Psychology | Applied Personality                  | PSY-117-OE   | 2023 |
| B. A. Psychology | Yoga and Health-Theory               | YOG-116-OE   | 2023 |
| B. A. Psychology | Yoga and Health-Practical            | YOG-117-OE   | 2023 |
| B. A. Psychology | Health and Wellness                  | YOG-CC       | 2023 |
| B. A. Psychology | Health Promotion Life Skill          | PSY-121-VSC  | 2023 |
| B. A. Psychology | Assessment of Personality            | PSY-126-SEC  | 2023 |
| B. A. Psychology | Emergence in Indian Psychology       | PSY-137-IKS  | 2023 |
| B. A. Psychology | Basics of Psychology                 | PSY-151-MJM  | 2023 |
| B. A. Psychology | Psychology of Well Being             | PSY-152-MJM  | 2023 |
| B. A. Psychology | Introduction to Psychology           | PSY-161-MN   | 2023 |
| B. A. Psychology | Understanding of Self                | PSY-166-OE   | 2023 |
| B. A. Psychology | Fields of Applied Psychology         | PSY-167-OE   | 2023 |
| B. A. Psychology | Ashtangyog                           | YOG-161-MN   | 2023 |
| B. A. Psychology | Foundation of Yoga-Therapy           | YOG-166-OE   | 2023 |
| B. A. Psychology | Foundation of Yoga-Practical         | YOG-167-OE   | 2023 |
| B. A. Psychology | Assessment of Intelligence           | PSY-171-VSC  | 2023 |
| B. A. Psychology | Communication Skills                 | PSY-176-SEC  | 2023 |
| B. A. Psychology | Social Psychology-I                  | UAPS 231     | 2023 |
| B. A. Psychology | Abnormal Psychology-I                | UAPS 232     | 2023 |
| B. A. Psychology | Growth and Development Psychology-I  | UAPS 233     | 2023 |
| B. A. Psychology | Health Psychology                    | UAPS SEC 234 | 2023 |
| B. A. Psychology | Social Psychology-II                 | UAPS 241     | 2023 |
| B. A. Psychology | Abnormal Psychology-II               | UAPS 242     | 2023 |
| B. A. Psychology | Growth and Development Psychology-II | UAPS 243     | 2023 |



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|------------------|---|----------------|------|
| B. A. Psychology | Psychology of Wellness  | UAPS SEC 244   | 2023 |
| M. A. Psychology | Cognitive Psychology  | PSY-501-MJM    | 2023 |
| M. A. Psychology | Psychometrics   | PSY-502-MJM    | 2023 |
| M. A. Psychology | Statistical Methods   | PSY-503-MJM    | 2023 |
| M. A. Psychology | Psychology Practical Tests  | PSY-504-MJM    | 2023 |
| M. A. Psychology | Psychology of Adjustment  | PSY-511-MJE    | 2023 |
| M. A. Psychology | Research Methodology in Psychology                                | PSY-521-RM     | 2023 |
| M. A. Psychology | Learning and Memory   | PSY-551-MJM    | 2023 |
| M. A. Psychology | Psychological Testing: Applications                               | PSY-552-MJM    | 2023 |
| M. A. Psychology | Research Methodology  | PSY-553-MJM    | 2023 |
| M. A. Psychology | Psychology Practical: Experiments                                 | PSY-554-MJM    | 2023 |
| M. A. Psychology | Sports Psychology   | PSY-561-MJE    | 2023 |
| M. A. Psychology | On Job Training/Field Project relevant to the major course.       | PSY-581-OJT/FP | 2023 |
| M. A. Psychology | Personality   | PAPS 231       | 2023 |
| M. A. Psychology | Psychopathology-I   | PAPS 232       | 2023 |
| M. A. Psychology | Psychodiagnostics Procedure and Techniques                        | PAPS 233       | 2023 |
| M. A. Psychology | Project   | PAPS 234       | 2023 |
| M. A. Psychology | Advanced Skills and processes in counselling                      | PAPS SEC I     | 2023 |
| M. A. Psychology | CBT and REBT: Basics and Applications                             | PAPS SEC II    | 2023 |
| M. A. Psychology | Motivation and Emotion  | PAPS 241       | 2023 |
| M. A. Psychology | Psychopathology-II  | PAPS 242       | 2023 |
| M. A. Psychology | Psychotherapies   | PAPS 243       | 2023 |
| M. A. Psychology | Psychology Practicum : Case Studies                               | PAPS 244       | 2023 |
| M. A. Psychology | Communication and Enhancing Personality                           | PAPS SDC 1     | 2023 |
| M. A. Psychology | Psychological First Aid   | PAPS SDC 2     | 2023 |
| B.A. English     | Poetry and Minor Forms of English Literature - I                  | ENG-101-MJM    | 2023 |
| B.A. English     | Phonology of English-I  | ENG-102-MJM    | 2023 |
| B.A. English     | English for Practical Purposes-I                                  | ENG-116-OE     | 2023 |
| B.A. English     | Basic English Grammar - I   | ENG-117-OE     | 2023 |
| B.A. English     | Effective Communication in English and Personality Development -I | ENG-121-VSC    | 2023 |
| B.A. English     | Writing Skill - I   | ENG-126-SEC    | 2023 |
| B.A. English     | Functional English -I   | ENG-131-VEC    | 2023 |
| B.A. English     | Value Education Course VEC  | ENG-135-VEC    | 2023 |
| B.A. English     | Beginning of English Studies in India                             | ENG-137-IKS    | 2023 |
| B.A. English     | Poetry and Minor Forms of English Literature - II                 | ENG-151-MJM    | 2023 |





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|--------------|--|-----------------|------|
| B.A. English | Phonology of English-II  | ENG152-MJM      | 2023 |
| B.A. English | Literary Forms and Terms   | ENG-161-MN      | 2023 |
| B.A. English | English for Practical Purposes-II                                  | ENG-166-OE      | 2023 |
| B.A. English | Basic English Grammar - I  | ENG-167-OE      | 2023 |
| B.A. English | Effective Communication in English and Personality Development -II | ENG-171-VSC     | 2023 |
| B.A. English | Writing Skill - II   | ENG-176-SEC     | 2023 |
| B.A. English | Functional English -II   | ENG-181-AEC     | 2023 |
| B.A. English | VEC (Value Education Course)                                       | ENG-185-VEC     | 2023 |
| B.A. English | Study of English Language and Literature (G-II)                    | ENGGE2302       | 2023 |
| B.A. English | Appreciating Drama (S-I)   | ENGSP2301       | 2023 |
| B.A. English | Appreciating Poetry (S-II)   | ENGSP2304       | 2023 |
| B.A. English | Technical English  | ENG2301         | 2023 |
| B.A. English | Optional English   | ENG2301B        | 2023 |
| B.A. English | Compulsory English IV  | UAEN 241        | 2023 |
| B.A. English | Study of English Language and Literature (G-II)                    | ENGGE2402       | 2023 |
| B.A. English | Appreciating Drama (S-I)   | UAEN 243        | 2023 |
| B.A. English | Appreciating Poetry (S-II)   | UAEN 244        | 2023 |
| B.A. English | Technical English  | ENG2401         | 2023 |
| B.A. English | Optional English   | ENG2401B        | 2023 |
| M.A. English | English Literature from 1550-1798 -I                               | ENG-501-MJM     | 2023 |
| M.A. English | English Literature from 1798-2000 - I                              | ENG-502-MJM     | 2023 |
| M.A. English | English Language Today - I   | ENG-503-MJM     | 2023 |
| M.A. English | History of English Literature -I                                   | ENG-504-MJM     | 2023 |
| M.A. English | Literary criticism and Theory -I                                   | ENG-511-MJE (A) | 2023 |
| M.A. English | Cultural Studies -I  | ENG-511-MJE (B) | 2023 |
| M.A. English | Research Methodology in English                                    | ENG-511-RM      | 2023 |
| M.A. English | English Literature from 1550-1798 -II                              | ENG-551-MJM     | 2023 |
| M.A. English | English Literature from 1798-2000 - II                             | ENG-552-MJM     | 2023 |
| M.A. English | English Language Today - II  | ENG-553-MJM     | 2023 |
| M.A. English | History of English Literature -II                                  | ENG-554-MJM     | 2023 |
| M.A. English | Literary criticism and Theory -II                                  | ENG-561-MJE (A) | 2023 |
| M.A. English | Cultural Studies -II   | ENG-561-MJE (B) | 2023 |
| M.A. English | On Job Training  | OJT             | 2023 |



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**Cycle IV**

**2019 - 2024**

|   |  |             |      |
|---|--|-------------|------|
| M.A. English                                      | Indian Writing in English                    | PAEN231     | 2023 |
| M.A. English                                      | English Language and Literature Teaching - I | PAEN232     | 2023 |
| M.A. English                                      | Drama in English - I                         | PAEN233     | 2023 |
| M.A. English                                      | American Literature - I                      | PAEN234     | 2023 |
| M.A. English                                      | Indian Writing in English                    | PAEN241     | 2023 |
| M.A. English                                      | English Language and Literature Teaching - I | PAEN242     | 2023 |
| M.A. English                                      | Drama in English - I                         | PAEN243     | 2023 |
| M.A. English                                      | American Literature - I                      | PAEN244     | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Preservation Technology                 | FTR-101-MJM | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Science                                 | FTR-102-MJM | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Preservation Technology                 | FTR-103-MJM | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Basics of Food Science                       | FTR-116-OE  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Dairy Product Technology                     | FTR-117-OE  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Microbiology                            | FTR-121-VSC | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Microbiology                            | FTR-126-SEC | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Environmental Pollution and Value Education  | FTR-135-VEC | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | History of Indian Foods                      | FTR-137-IKS | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Nutrition Science                            | FTR-151-MJM | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Bakery Technology                            | FTR-152-MJM | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Fermentation Technology                      | FTR-153-MJM | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Processing Technology                   | FTR-161-MN  | 2023 |



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**2019 - 2024**

|   |   |             |      |
|---|---|-------------|------|
| B. Voc. Food Processing & Post Harvest Technology | Bakery Technology                                   | FTR-166-OE  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Practicals of Bakery Technology                     | FTR-167-OE  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Practicals of Fermentation Technology               | FTR-171-VSC | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Practicals of Bakery Technology                     | FTR-176-SEC | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Processing of Fruits, Vegetables & Plantation Crops | UBFP-231    | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Analytical Techniques                          | UBFP-232    | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Chemistry-I                                    | UBFP-233    | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Processing of Fruits, Vegetables & Plantation crops | UBFP-231-1  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Analytical Techniques                          | UBFP-231-2  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Fundamentals in Bio-Statistics                      | UBFP-231-3  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Processing of Cereal, Pulses and Oilseeds           | UBFP-241    | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Bakery and Confectionery Technology                 | UBFP-242    | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Chemistry-II                                   | UBFP-243    | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Processing of Cereal, Pulses and Oilseeds           | UBFP-241-1  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Bakery and Confectionery Technology                 | UBFP-241-2  | 2023 |
| B. Voc. Food Processing & Post Harvest Technology | Food Chemistry -II                                  | UBFP-241-3  | 2023 |
| M.Voc. Food                                       | Food Microbiology                                   | FTR-501-MJM | 2023 |





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**2019 - 2024**

|                                   |                             |             |      |
|-----------------------------------|-----------------------------|-------------|------|
| Processing Technology             |                             |             |      |
| M.Voc. Food Processing Technology | Food Chemistry & Analysis   | FTR-502-MJM | 2023 |
| M.Voc. Food Processing Technology | Nutrition Science           | FTR-503-MJM | 2023 |
| M.Voc. Food Processing Technology | Food Microbiology           | FTR-504-MJM | 2023 |
| M.Voc. Food Processing Technology | Food Chemistry & Analysis   | FTR-505-MJM | 2023 |
| M.Voc. Food Processing Technology | Bakery Technology           | FTR-511-MJE | 2023 |
| M.Voc. Food Processing Technology | Confectionery Technology    | FTR-511-MJE | 2023 |
| M.Voc. Food Processing Technology | Bakery Technology           | FTR-512-MJE | 2023 |
| M.Voc. Food Processing Technology | Confectionery Technology    | FTR-512-MJE | 2023 |
| M.Voc. Food Processing Technology | Research Methodology        | FTR-521-RM  | 2023 |
| M.Voc. Food Processing Technology | Food Processing & Packaging | FTR-551-MJM | 2023 |
| M.Voc. Food Processing Technology | Food Additives & Toxicology | FTR-552-MJM | 2023 |
| M.Voc. Food Processing Technology | Fermentation Technology     | FTR-553-MJM | 2023 |
| M.Voc. Food Processing Technology | Food Processing & Packaging | FTR-554-MJM | 2023 |
| M.Voc. Food Processing Technology | Fermentation Technology     | FTR-555-MJM | 2023 |
| M.Voc. Food Processing Technology | Beverage Technology         | FTR-561-MJE | 2023 |
| M.Voc. Food Processing            | Snacks Technology           | FTR-561-MJE | 2023 |



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**Cycle IV**

**2019 - 2024**

|  |   |             |      |
|--|---|-------------|------|
| Technology                             |   |             |      |
| M.Voc. Food Processing Technology      | Beverage Technology                     | FTR-562-MJE | 2023 |
| M.Voc. Food Processing Technology      | Snacks Technology                       | FTR-562-MJE | 2023 |
| M.Voc. Food Processing Technology      | On Job Training/ Field Projects         | FTR-581     | 2023 |
| M.Voc. Food Processing Technology      | Elective-1: Dairy Processing Technology | PMFP231     | 2023 |
| M.Voc. Food Processing Technology      | Elective-2: Meat Processing Technology  | PMFP231     | 2023 |
| M.Voc. Food Processing Technology      | Post-Harvest Technology                 | PMFP232     | 2023 |
| M.Voc. Food Processing Technology      | Food Safety and Quality Management      | PMFP233     | 2023 |
| M.Voc. Food Processing Technology      | Dairy Processing Technology             | PMFP234     | 2023 |
| M.Voc. Food Processing Technology      | Post-Harvest Technology                 | PMFP235     | 2023 |
| M.Voc. Food Processing Technology      | Statistics and Research Methodology     | PMFP236     | 2023 |
| M.Voc. Food Processing Technology      | Industrial training/Dissertation part-I | PMFP237     | 2023 |
| M.Voc. Food Processing Technology      | Seminar based on case study             | PMFP241     | 2023 |
| M.Voc. Food Processing Technology      | Industrial Visit                        | PMFP241     | 2023 |
| M.Voc. Food Processing Technology      | Industrial training/Dissertation Part-2 | PMFP241     | 2023 |
| B. Voc Journalism & Mass Communication | Introduction to Mass Communication      | JMC-101-MJM | 2023 |
| B. Voc Journalism & Mass Communication | Introduction to Journalism              | JMC-102-MJM | 2023 |
| B. Voc Journalism &                    | Basics of Photography                   | JMC-103-MJM | 2023 |



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**Cycle IV**

**2019 - 2024**

|  |  |             |      |
|--|--|-------------|------|
| Mass Communication                     |  |             |      |
| B. Voc Journalism & Mass Communication | Aesthetics of photography                  | JMC-116-OE  | 2023 |
| B. Voc Journalism & Mass Communication | Mobile Photography                         | JMC-117-OE  | 2023 |
| B. Voc Journalism & Mass Communication | Computer Application for Media             | JMC-121-VSC | 2023 |
| B. Voc Journalism & Mass Communication | Anchoring skills                           | JMC-126-SEC | 2023 |
| B. Voc Journalism & Mass Communication | Indian Folk Media                          | JMC-137-IKS | 2023 |
| B. Voc Journalism & Mass Communication | News Reporting and Editing                 | JMC-151-MJM | 2023 |
| B. Voc Journalism & Mass Communication | Current affairs World , India, Maharashtra | JMC-152-MJM | 2023 |
| B. Voc Journalism & Mass Communication | News reporting and editing Practices       | JMC-153-MJM | 2023 |
| B. Voc Journalism & Mass Communication | Introduction to social Media               | JMC-161-MN  | 2023 |
| B. Voc Journalism & Mass Communication | Introduction to podcast                    | JMC-166-OE  | 2023 |
| B. Voc Journalism & Mass Communication | Podcast production                         | JMC-167-OE  | 2023 |
| B. Voc Journalism & Mass Communication | Writing for Media                          | JMC-171-VSC | 2023 |
| B. Voc Journalism & Mass Communication | Content production on Mobile               | JMC-176-SEC | 2023 |
| B. Voc Journalism & Mass Communication | News Reporting and Editing II              | UBJM231     | 2023 |
| B. Voc Journalism & Mass Communication | Writing for Media II                       | UBJM232     | 2023 |
| B. Voc Journalism & Mass communication | Introduction to Radio                      | UBJM233     | 2023 |
| B. Voc Journalism & Mass Communication | Reporting and Editing Skills               | UBJM234     | 2023 |
| B. Voc Journalism & Mass Communication | Radio Production                           | UBJM235     | 2023 |
| B. Voc Journalism & Mass Communication | Experimental Journal                       | UBJM236     | 2023 |
| B. Voc Journalism & Mass Communication | Introduction to Television                 | UBJM241     | 2023 |
| B. Voc Journalism & Mass Communication | Media Laws and Ethics                      | UBJM242     | 2023 |
| B. Voc Journalism & Mass Communication | Introduction to Media Economics            | UBJM243     | 2023 |
| B. Voc Journalism & Mass Communication | Television Production                      | UBJM244     | 2023 |





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**2019 - 2024**

|  |   |                |      |
|--|---|----------------|------|
| B. Voc Journalism & Mass Communication | Aesthetics of Audio- Visual Contents                        | UBJM245        | 2023 |
| B. Voc Journalism & Mass Communication | Introduction to Video Production                            | UBJM246        | 2023 |
| M.Voc. Media Studies                   | Introduction to Media Studies                               | MS-501-MJM     | 2023 |
| M.Voc. Media Studies                   | Introduction to Journalism                                  | MS-502-MJM     | 2023 |
| M.Voc. Media Studies                   | Introduction to Video Production                            | MS-503-MJM     | 2023 |
| M.Voc. Media Studies                   | Writing for Media   | MS-504-MJM     | 2023 |
| M.Voc. Media Studies                   | Photography and Photo Editing                               | MS-505- MJM    | 2023 |
| M.Voc. Media Studies                   | Understanding Cinema  | MS-511-MJE (A) | 2023 |
| M.Voc. Media Studies                   | Camera Techniques   | MS-512-MJE (A) | 2023 |
| M.Voc. Media Studies                   | Political Communication                                     | MS-511-MJE (B) | 2023 |
| M.Voc. Media Studies                   | News Reporting and Editing Skills                           | MS-512-MJE (B) | 2023 |
| M.Voc. Media Studies                   | Media Research Methodology                                  | MS-521-RM      | 2023 |
| M.Voc. Media Studies                   | Media Society and Culture                                   | MS-551-MJM     | 2023 |
| M.Voc. Media Studies                   | Advertising   | MS-552-MJM     | 2023 |
| M.Voc. Media Studies                   | Introduction to Digital Media                               | MS-553-MJM     | 2023 |
| M.Voc. Media Studies                   | Studio Production   | MS-554-MJM     | 2023 |
| M.Voc. Media Studies                   | Video Editing Techniques                                    | MS 555 MJM     | 2023 |
| M.Voc. Media Studies                   | Script Writing  | MS-561-MJE (A) | 2023 |
| M.Voc. Media Studies                   | Mobile Production   | MS-562-MJE (A) | 2023 |
| M.Voc. Media Studies                   | Digital Journalism  | MS-561-MJE (B) | 2023 |
| M.Voc. Media Studies                   | Digital Content Production                                  | MS-562-MJE (B) | 2023 |
| M.Voc. Media Studies                   | On Job Training/Field Project relevant to the major course. | MS-581-OJT/FP  | 2023 |
| M.Voc. Media                           | Direction   | PMMS 231A      | 2023 |



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**Cycle IV**

**2019 - 2024**

|                         |                                     |             |      |
|-------------------------|-------------------------------------|-------------|------|
| Studies                 |                                     |             |      |
| M. Voc. Media Studies   | Sound and Post-production           | PMMS 232A   | 2023 |
| M. Voc. Media Studies   | Understanding Documentary           | PMMS 233A   | 2023 |
| M. Voc. Media Studies   | Group Project                       | PMMS 234A   | 2023 |
| M. Voc. Media Studies   | Video Editing                       | PMMS 235A   | 2023 |
| M. Voc. Media Studies   | Lighting Techniques                 | PMMS 236A   | 2023 |
| M. Voc. Media Studies   | Digital Advertising and Marketing   | PMMS 231B   | 2023 |
| M. Voc. Media Studies   | New Media Studies & Digital Culture | PMMS 232B   | 2023 |
| M. Voc. Media Studies   | New Frontiers of Digital Journalism | PMMS 233B   | 2023 |
| M. Voc. Media Studies   | Group Project                       | PMMS 234B   | 2023 |
| M. Voc. Media Studies   | Audio Production                    | PMMS 235B   | 2023 |
| M. Voc. Media Studies   | Digital Content Development-I       | PMMS 236B   | 2023 |
| M. Voc. Media Studies   | Industrial Internship               | PMMS 241A   | 2023 |
| M. Voc. Media Studies   | Study Visits and Report             | PMMS 242A   | 2023 |
| M. Voc. Media Studies   | Video Production Project            | PMMS 243A   | 2023 |
| M. Voc. Media Studies   | Industrial Internship               | PMMS 241B   | 2023 |
| M. Voc. Media Studies   | Study Visits and Report             | PMMS 242B   | 2023 |
| M. Voc. Media Studies   | Research Project/In-depth Reporting | PMMS 243B   | 2023 |
| B. Voc Dairy Technology | Dairy Farm Management               | DRT-101-MJM | 2023 |
| B. Voc Dairy Technology | Dairy Chemistry                     | DRT-102-MJM | 2023 |
| B. Voc Dairy Technology | Chemical Analysis of Milk           | DRT-103-MJM | 2023 |
| B. Voc Dairy Technology | Diet Management                     | DRT-116-OE  | 2023 |
| B. Voc Dairy Technology | Diet Planning                       | DRT-117-OE  | 2023 |



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**2019 - 2024**

|                         |   |             |      |
|-------------------------|---|-------------|------|
| B. Voc Dairy Technology | Waste Management and Effluent Treatment | DRT-121-VSC | 2023 |
| B. Voc Dairy Technology | Soft Skill Development                  | DRT-126-SEC | 2023 |
| B. Voc Dairy Technology | Ancient Indian Dairy Technology         | DRT-137-IKS | 2023 |
| B. Voc Dairy Technology | Market Milk                             | DRT-151-MJM | 2023 |
| B. Voc Dairy Technology | Dairy Microbiology                      | DRT-152-MJM | 2023 |
| B. Voc Dairy Technology | Microbial Analysis of Milk              | DRT-153-MJM | 2023 |
| B. Voc Dairy Technology | Food Preservation Technology            | DRT-161-MN  | 2023 |
| B. Voc Dairy Technology | Food Adulterants                        | DRT-166-OE  | 2023 |
| B. Voc Dairy Technology | Detection of food Adulteration          | DRT-167-OE  | 2023 |
| B. Voc Dairy Technology | Food Safety, Hygiene and Sanitation     | DRT-171-VSC | 2023 |
| B. Voc Dairy Technology | Dairy Processing Equipment              | UBDT - 231  | 2023 |
| B. Voc Dairy Technology | Fermented Milk Products                 | UBDT - 232  | 2023 |
| B. Voc Dairy Technology | Nutrition Science                       | UBDT - 233  | 2023 |
| B. Voc Dairy Technology | Dairy Processing Equipment              | UBDT -231-1 | 2023 |
| B. Voc Dairy Technology | Fermented Milk Products                 | UBDT -231-2 | 2023 |
| B. Voc Dairy Technology | Nutrition Science                       | UBDT -231-3 | 2023 |
| B. Voc Dairy Technology | Dairy Engineering                       | UBDT - 241  | 2023 |
| B. Voc Dairy Technology | Traditional Indian Dairy Products       | UBDT - 242  | 2023 |
| B. Voc Dairy Technology | Food Safety, Hygiene and Sanitation     | UBDT - 243  | 2023 |
| B. Voc Dairy Technology | Dairy Engineering                       | UBDT -241-1 | 2023 |
| B. Voc Dairy Technology | Traditional Indian Dairy Products       | UBDT -241-2 | 2023 |
| B. Voc Dairy Technology | Food Safety, Hygiene and Sanitation     | UBDT -241-3 | 2023 |





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**2019 - 2024**

|                           |   |                    |      |
|---------------------------|---|--------------------|------|
| B. Voc. Retail Management | Organizational Behaviour                | RTM - 101 - MJM    | 2023 |
| B. Voc. Retail Management | Basics of Marketing                     | RTM - 102- MJM     | 2023 |
| B. Voc. Retail Management | Introduction to Retailing               | RTM - 103- MJM     | 2023 |
| B. Voc. Retail Management | Business Communication Skills           | RTM - 116 - OE (T) | 2023 |
| B. Voc. Retail Management | Marketing Management Skills             | RTM - 117 - OE (P) | 2023 |
| B. Voc. Retail Management | Indian Economy                          | RTM - 121 - VSC    | 2023 |
| B. Voc. Retail Management | Principles of Consumer Behavior         | RTM - 126 - SEC    | 2023 |
| B. Voc. Retail Management | Environmental Education                 | ENV -135-VEC       | 2023 |
| B. Voc. Retail Management | Evolution of Retail                     | RTM - 137 - IKS    | 2023 |
| B. Voc. Retail Management | Principles of Management                | RTM - 151 - MJM    | 2023 |
| B. Voc. Retail Management | Marketing Management                    | RTM - 152- MJM     | 2023 |
| B. Voc. Retail Management | Digital Marketing                       | RTM - 153- MJM     | 2023 |
| B. Voc. Retail Management | Retail Marketing                        | RTM-161-MN         | 2023 |
| B. Voc. Retail Management | Leadership & Succession Planning        | RTM - 166 - OE (T) | 2023 |
| B. Voc. Retail Management | Advertising & Sales Promotion           | RTM - 167 - OE (P) | 2023 |
| B. Voc. Retail Management | Fundamental of Computer                 | RTM - 171 - VSC    | 2023 |
| B. Voc. Retail Management | Managerial Economics                    | RTM - 176 - SEC    | 2023 |
| B. Voc. Retail Management | Business Accounting                     | UBRM 231           | 2023 |
| B. Voc. Retail Management | Personality Development & Team Building | UBRM 232           | 2023 |
| B. Voc. Retail Management | Principles of Marketing                 | UBRM 233           | 2023 |
| B. Voc. Retail Management | Internship                              | UBRM 234           | 2023 |
| B. Voc. Retail Management | Retail Store Operation - I              | UBRM 235           | 2023 |



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**2019 - 2024**

|                           |                                      |          |      |
|---------------------------|--------------------------------------|----------|------|
| B. Voc. Retail Management | Store Layout & Design                | UBRM 236 | 2023 |
| B. Voc. Retail Management | Principles of Finance                | UBRM 241 | 2023 |
| B. Voc. Retail Management | Basics of Cost Accounting            | UBRM 242 | 2023 |
| B. Voc. Retail Management | Negotiation Skills                   | UBRM 243 | 2023 |
| B. Voc. Retail Management | Internship                           | UBRM 244 | 2023 |
| B. Voc. Retail Management | Retail Store Operation-II            | UBRM 245 | 2023 |
| B. Voc. Retail Management | Store Layout & Design                | UBRM 246 | 2023 |
| BSc. Microbiology         | Introduction to Microbiology - I     | USMB 111 | 2022 |
| BSc. Microbiology         | Basic Techniques in Microbiology- I  | USMB 112 | 2022 |
| BSc. Microbiology         | Practical – I                        | USMB 113 | 2022 |
| BSc. Microbiology         | Introduction to Microbiology - II    | USMB 121 | 2022 |
| BSc. Microbiology         | Basic Techniques in Microbiology- II | USMB 122 | 2022 |
| BSc. Microbiology         | Practical - II                       | USMB 123 | 2022 |
| M.Sc. Microbiology        | Microbial Systematics and Diversity  | PSMB111  | 2022 |
| M.Sc. Microbiology        | Quantitative Biology                 | PSMB112  | 2022 |
| M.Sc. Microbiology        | Biochemistry                         | PSMB113  | 2022 |
| M.Sc. Microbiology        | Cell Biology                         | PSMB114  | 2022 |
| M.Sc. Microbiology        | Microbiology Practical - I           | PSMB115  | 2022 |
| M.Sc. Microbiology        | Microbiology Practical - II          | PSMB116  | 2022 |
| M.Sc. Microbiology        | Virology                             | PSMB121  | 2022 |
| M.Sc. Microbiology        | Instrumentation                      | PSMB122  | 2022 |
| M.Sc. Microbiology        | Metabolism                           | PSMB123  | 2022 |
| M.Sc. Microbiology        | Evolution and Ecology                | PSMB124  | 2022 |
| M.Sc. Microbiology        | Microbiology Practical – III         | PSMB125  | 2022 |
| M.Sc. Microbiology        | Microbiology Practical - IV          | PSMB126  | 2022 |
| B. Sc. Electronics        | Basic Electronics & Theorems         | USEL 111 | 2022 |
| B. Sc. Electronics        | Fundamental for Digital Electronics  | USEL 112 | 2022 |
| B. Sc. Electronics        | Practical - I                        | USEL 113 | 2022 |
| B. Sc. Electronics        | Semiconductor Devices                | USEL 121 | 2022 |
| B. Sc. Electronics        | Digital Circuits and IC Technology   | USEL 122 | 2022 |
| B. Sc. Electronics        | Practical - II                       | USEL 123 | 2022 |
| B.Sc. Computer Science    | Basic Electronics & Network Theorems | UCSEL111 | 2022 |
| B.Sc. Computer            | Fundamentals of Digital Electronics  | UCSEL112 | 2022 |



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**Cycle IV**

**2019 - 2024**

|                        |  |          |      |
|------------------------|--|----------|------|
| Science                |  |          |      |
| B.Sc. Computer Science | Practical - I  | UCSEL113 | 2022 |
| B.Sc. Computer Science | Semiconductor Devices & Memories                         | UCSEL121 | 2022 |
| B.Sc. Computer Science | Sequential Circuits Design                               | UCSEL122 | 2022 |
| B.Sc. Computer Science | Practical - II   | UCSEL123 | 2022 |
| M.Sc.Electronics       | Mathematical Methods in Electronics and Network Analysis | PSEL111  | 2022 |
| M.Sc.Electronics       | Integrated Circuit Analysis                              | PSEL112  | 2022 |
| M.Sc.Electronics       | Digital System Design using Verilog                      | PSEL113  | 2022 |
| M.Sc.Electronics       | Advanced C & JAVA Programming.                           | PSEL114  | 2022 |
| M.Sc. Electronics      | Electronics Science Practical Course I                   | PSEL115  | 2022 |
| M.Sc. Electronics      | Electronics Science Practical Course II                  | PSEL116  | 2022 |
| M.Sc. Electronics      | Applied Electromagnetics, Microwaves and Antennas        | PSEL121  | 2022 |
| M.Sc. Electronics      | Instrumentation and Measurement techniques               | PSEL122  | 2022 |
| M.Sc. Electronics      | Advanced Embedded System Design                          | PSEL123  | 2022 |
| M.Sc. Electronics      | Foundation of Semiconductor Devices                      | PSEL124  | 2022 |
| M.Sc. Electronics      | Electronics Science Practical Course III                 | PSEL125  | 2022 |
| M.Sc. Electronics      | Electronics Science Practical Course IV                  | PSEL126  | 2022 |
| B. Sc. Physics         | Mechanics & Properties of Matter                         | USPH 111 | 2022 |
| B. Sc. Physics         | Electromagnetics   | USPH 112 | 2022 |
| B. Sc. Physics         | Practical - I  | USPH 113 | 2022 |
| B. Sc. Physics         | Heat and Thermodynamics                                  | USPH 121 | 2022 |
| B. Sc. Physics         | Physics Principles & Applications                        | USPH 122 | 2022 |
| B. Sc. Physics         | Practical – II   | USPH 123 | 2022 |
| M.Sc. Physics          | Mathematical Methods in Physics                          | PSPH111  | 2022 |
| M.Sc. Physics          | Classical Mechanics                                      | PSPH112  | 2022 |
| M.Sc. Physics          | Quantum Mechanics-I                                      | PSPH113  | 2022 |
| M.Sc. Physics          | Electronics  | PSPH114  | 2022 |
| M.Sc. Physics          | Electronics Laboratory-I                                 | PSPH115  | 2022 |
| M.Sc. Physics          | Basic Physics Laboratory-I                               | PSPH116  | 2022 |
| M.Sc. Physics          | Physics of Semiconductor Devices                         | PSPH121  | 2022 |
| M.Sc. Physics          | Atoms, Molecules & Laser                                 | PSPH122  | 2022 |
| M.Sc. Physics          | Quantum Mechanics-II                                     | PSPH123  | 2022 |
| M.Sc. Physics          | Electrodynamics  | PSPH124  | 2022 |
| M.Sc. Physics          | Electronics Laboratory-II                                | PSPH125  | 2022 |





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**2019 - 2024**

|                        |   |          |      |
|------------------------|---|----------|------|
| M.Sc. Physics          | Basic Physics Laboratory-II                                 | PSPH126  | 2022 |
| B. Sc. Chemistry       | Physical and Inorganic Chemistry -I                         | USCH 111 | 2022 |
| B. Sc. Chemistry       | Organic and Inorganic Chemistry -I                          | USCH 112 | 2022 |
| B. Sc. Chemistry       | Practical - I   | USCH 113 | 2022 |
| B. Sc. Chemistry       | Physical and Inorganic Chemistry-II                         | USCH 121 | 2022 |
| B. Sc. Chemistry       | Organic and Inorganic Chemistry -II                         | USCH 122 | 2022 |
| B. Sc. Chemistry       | Practical - II  | USCH 123 | 2022 |
| M.Sc. Chemistry        | Fundamentals of Physical Chemistry- I                       | PSCH111  | 2022 |
| M.Sc. Chemistry        | Molecular Symmetry & Chemistry of P – Block Elements        | PSCH112  | 2022 |
| M.Sc. Chemistry        | Basic Organic Chemistry                                     | PSCH113  | 2022 |
| M.Sc. Chemistry        | Safety in Chemical Laboratory and Good Laboratory Practices | PSCH114  | 2022 |
| M.Sc. Chemistry        | Physical Chemistry Practical                                | PSCH115  | 2022 |
| M.Sc. Chemistry        | Organic Chemistry Practical                                 | PSCH116  | 2022 |
| M.Sc. Chemistry        | Fundamentals of Physical Chemistry- II                      | PSCH121  | 2022 |
| M.Sc. Chemistry        | Coordination and Bioinorganic Chemistry                     | PSCH122  | 2022 |
| M.Sc. Chemistry        | Synthetic Organic Chemistry and Spectroscopy                | PSCH123  | 2022 |
| M.Sc. Chemistry        | General Chemistry (Any two parts)                           | PSCH124  | 2022 |
| M.Sc. Chemistry        | Inorganic Chemistry Practical                               | PSCH125  | 2022 |
| M.Sc. Chemistry        | Analytical Chemistry Practical                              | PSCH126  | 2022 |
| B.Sc. Mathematics      | Algebra   | USMT 111 | 2022 |
| B.Sc. Mathematics      | Calculus -I   | USMT 112 | 2022 |
| B.Sc. Mathematics      | Practical - I   | USMT 113 | 2022 |
| B.Sc. Computer Science | Algebra   | UCSMT111 | 2022 |
| B.Sc. Computer Science | Calculus - I  | UCSMT112 | 2022 |
| B.Sc. Computer Science | Practical - I   | UCSMT113 | 2022 |
| B.Sc. Mathematics      | Geometry  | USMT 121 | 2022 |
| B.Sc. Mathematics      | Calculus -II  | USMT 122 | 2022 |
| B.Sc. Mathematics      | Practical - II  | USMT 123 | 2022 |
| B.Sc. Computer Science | Geometry  | UCSMT121 | 2022 |
| B.Sc. Computer Science | Calculus - II   | UCSMT122 | 2022 |
| B.Sc. Computer Science | Practical - II  | UCSMT123 | 2022 |
| M.Sc. Mathematics      | Measure Theory and Integration                              | PSMT 111 | 2022 |



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**2019 - 2024**

|                        |   |            |      |
|------------------------|---|------------|------|
| M.Sc. Mathematics      | Advanced Calculus   | PSMT 112   | 2022 |
| M.Sc. Mathematics      | Group theory  | PSMT 113   | 2022 |
| M.Sc. Mathematics      | Numerical Analysis  | PSMT 114   | 2022 |
| M.Sc. Mathematics      | Ordinary Differential Equations                               | PSMT 115   | 2022 |
| M.Sc. Mathematics      | Practical: Programming in C                                   | PSMT 116   | 2022 |
| M.Sc. Mathematics      | Complex Analysis  | PSMT 121   | 2022 |
| M.Sc. Mathematics      | Topology  | PSMT 122   | 2022 |
| M.Sc. Mathematics      | Rings and Modules   | PSMT 123   | 2022 |
| M.Sc. Mathematics      | Linear Algebra  | PSMT 124   | 2022 |
| M.Sc. Mathematics      | Partial Differential Equations                                | PSMT 125   | 2022 |
| M.Sc. Mathematics      | Practical: Programming in C++                                 | PSMT 126   | 2022 |
| B.Sc. Statistics       | Descriptive Statistics-I                                      | USST 111   | 2022 |
| B.Sc. Statistics       | Discrete Probability and Probability Distributions- I         | USST 112   | 2022 |
| B.Sc. Statistics       | Practical – I   | USST 113   | 2022 |
| B.Sc. Computer Science | Statistical Methods I   | UCSST111   | 2022 |
| B.Sc. Computer Science | Probability and some Discrete Probability Distributions       | UCSST112   | 2022 |
| B.Sc. Computer Science | Practical - I   | UCSST113   | 2022 |
| B.Com.                 | Business Statistics-I   | UCBS111(A) | 2022 |
| B.Sc. Statistics       | Descriptive Statistics-II                                     | USST 121   | 2022 |
| B.Sc. Statistics       | Discrete Probability and Probability Distributions -II        | USST 122   | 2022 |
| B.Sc. Statistics       | Practical – II  | USST 123   | 2022 |
| B.Sc. Computer Science | Statistical Methods II  | UCSST121   | 2022 |
| B.Sc. Computer Science | Countinuous Probability Distributions & Testing of Hypothesis | UCSST122   | 2022 |
| B.Sc. Computer Science | Practical - II  | UCSST123   | 2022 |
| B.Com.                 | Business Statistics-II  | UCBS121(A) | 2022 |
| M.Sc.Statistics        | Mathematical Analysis   | PSST111    | 2022 |
| M.Sc.Statistics        | Linear Algebra  | PSST112    | 2022 |
| M.Sc.Statistics        | Probability Distributions                                     | PSST113    | 2022 |
| M.Sc.Statistics        | Sampling Theory   | PSST114    | 2022 |
| M.Sc.Statistics        | Statistics Practical-I  | PSST115    | 2022 |
| M.Sc.Statistics        | Statistics Practical- II                                      | PSST116    | 2022 |
| M.Sc.Statistics        | Probability Theory  | PSST121    | 2022 |
| M.Sc.Statistics        | Parametric Inference  | PSST122    | 2022 |



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**2019 - 2024**

|                 |   |          |      |
|-----------------|---|----------|------|
| M.Sc.Statistics | Multivariate Analysis                           | PSST123  | 2022 |
| M.Sc.Statistics | Regression Analysis                             | PSST124  | 2022 |
| M.Sc.Statistics | Statistics Practical-III                        | PSST125  | 2022 |
| M.Sc.Statistics | Statistics Practical- IV                        | PSST126  | 2022 |
| B.Sc. Botany    | Diversity of Cryptogams                         | USBT 111 | 2022 |
| B.Sc. Botany    | Industrial Botany -I                            | USBT 112 | 2022 |
| B.Sc. Botany    | Practical – I                                   | USBT 113 | 2022 |
| B.Sc. Botany    | Diversity of Phanerogams                        | USBT 121 | 2022 |
| B.Sc. Botany    | Industrial Botany-II                            | USBT 122 | 2022 |
| B.Sc. Botany    | Practical - II                                  | USBT 123 | 2022 |
| M.Sc. Botany    | Plant Systematics I                             | PSBT111  | 2022 |
| M.Sc. Botany    | Cell Biology                                    | PSBT112  | 2022 |
| M.Sc. Botany    | Genetics and plant Breeding                     | PSBT113  | 2022 |
| M.Sc. Botany    | Advanced Botanical techniques                   | PSBT114  | 2022 |
| M.Sc. Botany    | Botany Practical - I                            | PSBT115  | 2022 |
| M.Sc. Botany    | Botany Practical - II                           | PSBT116  | 2022 |
| M.Sc. Botany    | Plant Systematics II                            | PSBT211  | 2022 |
| M.Sc. Botany    | Plant Physiology and Biochemistry               | PSBT212  | 2022 |
| M.Sc. Botany    | Molecular Biology and Genetic Engineering       | PSBT213  | 2022 |
| M.Sc. Botany    | Plant Ecology and Biodiversity                  | PSBT214  | 2022 |
| M.Sc. Botany    | Botany Practical – III                          | PSBT215  | 2022 |
| M.Sc. Botany    | Botany Practical - IV                           | PSBT216  | 2022 |
| B.Sc. Zoology   | Animal Systematics and Diversity - I            | USZL 111 | 2022 |
| B.Sc. Zoology   | Fundamental of Cell Biology                     | USZL 112 | 2022 |
| B.Sc. Zoology   | Practical – I                                   | USZL 113 | 2022 |
| B.Sc. Zoology   | Animal Systematics And Diversity - II           | USZL 121 | 2022 |
| B.Sc. Zoology   | Genetics  | USZL 122 | 2022 |
| B.Sc. Zoology   | Practical - II                                  | USZL 123 | 2022 |
| M.Sc.Zoology    | Biochemistry & Bioenergetics                    | PSZL111  | 2022 |
| M.Sc. Zoology   | Cell-Biology                                    | PSZL112  | 2022 |
| M.Sc. Zoology   | Fresh Water Zoology & Ichthyology               | PSZL113  | 2022 |
| M.Sc. Zoology   | Biostatistics & Genetics                        | PSZL114  | 2022 |
| M.Sc. Zoology   | Zoology Practical - I                           | PSZL115  | 2022 |
| M.Sc. Zoology   | Zoology Practical - II                          | PSZL116  | 2022 |
| M.Sc. Zoology   | Molecular Biology                               | PSZL121  | 2022 |
| M.Sc. Zoology   | Developmental Biology                           | PSZL122  | 2022 |
| M.Sc. Zoology   | Comparative Animal Physiology and Endocrinology | PSZL123  | 2022 |
| M.Sc. Zoology   | Biological Techniques                           | PSZL124  | 2022 |





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|---------------------------|---|----------|------|
| M.Sc. Zoology             | Zoology Practical – III                     | PSZL125  | 2022 |
| M.Sc. Zoology             | Zoology Practical - IV                      | PSZL126  | 2022 |
| B.Sc. Environment Science | Enviornmental Science-I                     | USES 111 | 2022 |
| B.Sc. Environment Science | Fundamentals of Enviornmental Biology- I    | USES 112 | 2022 |
| B.Sc. Environment Science | Practical - I                               | USES 113 | 2022 |
| B.Sc. Environment Science | Fundamentals of Enviornmental Science- II   | USES 121 | 2022 |
| B.Sc. Environment Science | Fundamentals of Enviornmental Biology- II   | USES 122 | 2022 |
| B.Sc. Environment Science | Practical - II                              | USES 123 | 2022 |
| B.Sc. Computer Science    | Basic Programming using C                   | UCSCO111 | 2022 |
| B.Sc. Computer Science    | DBMS-I                                      | UCSCO112 | 2022 |
| B.Sc. Computer Science    | LAB Course I : Basic Programming using C    | UCSCO113 | 2022 |
| B.Sc. Computer Science    | LAB Course II : DBMS I                      | UCSCO114 | 2022 |
| B.Sc. Computer Science    | Advanced Programming using C                | UCSCO121 | 2022 |
| B.Sc. Computer Science    | DBMS-II                                     | UCSCO122 | 2022 |
| B.Sc. Computer Science    | LAB Course I : Advanced Programming using C | UCSCO123 | 2022 |
| B.Sc. Computer Science    | LAB Course II : DBMS II                     | UCSCO124 | 2022 |
| M.Sc. Computer Science    | Principles of Programming Language (C)      | PSCS111  | 2022 |
| M.Sc. Computer Science    | Cryptography & Cyber Forensics (C)          | PSCS112  | 2022 |
| M.Sc. Computer Science    | Database Technologies (C)                   | PSCS113  | 2022 |
| M.Sc. Computer Science    | Design and Analysis of Algorithms (C)       | PSCS114  | 2022 |
| M.Sc. Computer Science    | Dot Net Framework & C# (C)                  | PSCS115  | 2022 |
| M.Sc. Computer Science    | Computer Practical - I                      | PSCS116  | 2022 |
| M.Sc. Computer Science    | Digital Image Processing                    | PSCS121  | 2022 |



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|                        |   |             |      |
|------------------------|---|-------------|------|
| M.Sc. Computer Science | Data Mining and Data Warehousing                      | PSCS122     | 2022 |
| M.Sc. Computer Science | Emerging Technologies - Python Programming -I (Basic) | PSCS123     | 2022 |
| M.Sc. Computer Science | Dot Net (Advanced)                                    | PSCS124     | 2022 |
| M.Sc. Computer Science | Lab Course on Dot Net, DIP and DM&DW                  | PSCS125     | 2022 |
| M.Sc. Computer Science | Project (C)   | PSCS126     | 2022 |
| M.Sc. Computer Science | Artificial Intelligence (Elect I)                     | PSCS127 (A) | 2022 |
| M.Sc. Computer Science | Advanced Operating System (Elective II)               | PSCS127 (B) | 2022 |
| B.Com.                 | Financial Accounting-I                                | UCFA111     | 2022 |
| B.Com.                 | Entrepreneurship Development-I                        | UCED111(B)  | 2022 |
| B.Com.                 | Consumer Protection and Business Ethics-I             | UCCP111(A)  | 2022 |
| B.Com.                 | Marketing and Salesmanship-I                          | UCMS111(A)  | 2022 |
| B.Com.                 | Financial Accounting - II                             | UCFA121     | 2022 |
| B.Com.                 | Entrepreneurship Development-II                       | UCED121(B)  | 2022 |
| B.Com.                 | Consumer Protection & Business Ethics-II              | UCCP121(A)  | 2022 |
| B.Com.                 | Marketing and Salesmanship-II                         | UCMS121(A)  | 2022 |
| M. Com.                | Management Accounting                                 | PCCO111     | 2022 |
| M. Com.                | Strategic Management                                  | PCCO112     | 2022 |
| M. Com.                | Advanced Accounting                                   | PCCO113     | 2022 |
| M. Com.                | Income Tax  | PCCO114     | 2022 |
| M. Com.                | Financial Analysis and Control                        | PCCO121     | 2022 |
| M. Com.                | Industrial Economics                                  | PCCO122     | 2022 |
| M. Com.                | Specialized Areas in Accounting                       | PCCO123     | 2022 |
| M. Com.                | Business Tax Assessment & Planning                    | PCCO124     | 2022 |
| DTL                    | General Law Affecting Taxation                        | PGDTL111    | 2022 |
| DTL                    | Income Tax  | PGDTL112    | 2022 |
| DTL                    | Goods & Services Tax                                  | PGDTL113    | 2022 |
| DTL                    | Custom Act  | PGDTL114    | 2022 |
| DTL                    | Business Accounting Practices                         | PGDTL115    | 2022 |
| B.B.A.                 | Business Organization and Corporate Environment       | UBBA111     | 2022 |
| B.B.A.                 | Professional Communication Skills                     | UBBA112     | 2022 |
| B.B.A.                 | Financial Accounting                                  | UBBA113     | 2022 |
| B.B.A.                 | Micro Economics                                       | UBBA114     | 2022 |



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|             |   |          |      |
|-------------|---|----------|------|
| B.B.A.      | Business Mathematics  | UBBA115  | 2022 |
| B.B.A.      | Business demography and Business Environmental studies.             | UBBA116  | 2022 |
| B.B.A.      | Principles of Management  | UBBA121  | 2022 |
| B.B.A.      | Basics of Marketing Management                                      | UBBA122  | 2022 |
| B.B.A.      | Principles of Finance   | UBBA123  | 2022 |
| B.B.A.      | Basics of Cost and Works Accounting.                                | UBBA124  | 2022 |
| B.B.A.      | Business Statistics   | UBBA125  | 2022 |
| B.B.A.      | Computer Fundamentals   | UBBA126  | 2022 |
| B.B.A. (CA) | Logic in Computer Science   | UBCA111  | 2022 |
| B.B.A. (CA) | Data Structure using C  | UBCA112  | 2022 |
| B.B.A. (CA) | Relational Database Management System                               | UBCA113  | 2022 |
| B.B.A. (CA) | Business Communication  | UBCA114  | 2022 |
| B.B.A. (CA) | Principles and Practices of Management and Organizational Behaviour | UBCA115  | 2022 |
| B.B.A. (CA) | Computer Laboratory I   | UBCA116  | 2022 |
| B.B.A. (CA) | Computer Laboratory II  | UBCA117  | 2022 |
| B.B.A. (CA) | Object Oriented Programming using C++                               | UBCA121  | 2022 |
| B.B.A. (CA) | Web Technology  | UBCA122  | 2022 |
| B.B.A. (CA) | Software Engineering  | UBCA123  | 2022 |
| B.B.A. (CA) | Technical Report Writing  | UBCA124  | 2022 |
| B.B.A. (CA) | Digital Marketing   | UBCA125  | 2022 |
| B.B.A. (CA) | Computer Laboratory I   | UBCA126  | 2022 |
| B.B.A. (CA) | Computer Laboratory II  | UBCA127  | 2022 |
| B.A. Hindi  | हिंदीसामान्य  | UAHN111  | 2022 |
| B.A. Hindi  | हिंदीसामान्य  | UAHN121  | 2022 |
| B.A. Hindi  | हिंदीसामान्य  | UCHN111C | 2022 |
| B.A. Hindi  | हिंदीसामान्य  | UCHN101C | 2022 |
| M.A. Hindi  | Vishesh Star : Prachin Tatha Madhyayugin Kavya                      | PAHN111  | 2022 |
| M.A. Hindi  | Vishesh Star : Adhunik Hindi Katha Sahitya                          | PAHN112  | 2022 |
| M.A. Hindi  | Vishesh Star : Bhartiya Sahityashastra                              | PAHN113  | 2022 |
| M.A. Hindi  | Vishesh Star : Vishesh Sahityakar : KABIR                           | PAHN114  | 2022 |
| M.A. Hindi  | Vishesh Star : Madhyayugin Hindi Kavya                              | PAHN121  | 2022 |
| M.A. Hindi  | Vishesh Star : Hindi Natak Aur Rangmanch                            | PAHN122  | 2022 |
| M.A. Hindi  | Vishesh Star : Pashchatya Sahityashastra                            | PAHN123  | 2022 |
| M.A. Hindi  | Vishesh Star : Vishesh Vidha : Hindi Upnyas                         | PAHN124  | 2022 |





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Anekant Education Society's

# TULJARAM CHATURCHAND COLLEGE

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**Cycle IV**

**2019 - 2024**

|                 |  |          |      |
|-----------------|--|----------|------|
| B.A. Economics  | Indian Economy : Problems & Prospectus-I                           | UAEC111  | 2022 |
| B.A. Economics  | Business Economics –Micro I  | UCBE111  | 2022 |
| B.A. Economics  | Banking & Finance-I  | UCBF111  | 2022 |
| B.A. Economics  | Indian Economy : Problems & Prospectus-II                          | UAEC121  | 2022 |
| B.A. Economics  | Business Economics –Micro II                                       | UCBE121  | 2022 |
| B.A. Economics  | Banking and Finance –II  | UCBF121  | 2022 |
| M. A. Economics | Micro Economics – I  | PAEC111  | 2022 |
| M. A. Economics | Public Finance - I   | PAEC112  | 2022 |
| M. A. Economics | International Economics - I  | PAEC113  | 2022 |
| M. A. Economics | Indian Economic Policy- I  | PAEC114  | 2022 |
| M. A. Economics | Micro Economics – II   | PAEC121  | 2022 |
| M. A. Economics | Public Finance - II  | PAEC122  | 2022 |
| M. A. Economics | International Economics -II  | PAEC123  | 2022 |
| M. A. Economics | Indian Economic Policy- II   | PAEC124  | 2022 |
| B.A. Politics   | Indroduction of Indian Constitution                                | UAPO111  | 2022 |
| B.A. Politics   | Constitutional Machanism of Governance in India                    | UAPO121  | 2022 |
| M.A. Politics   | Traditions in Political Thought                                    | PAP0111  | 2022 |
| M.A. Politics   | Political Institutions in India                                    | PAP0112  | 2022 |
| M.A. Politics   | India's Foreign Policy   | PAP0113  | 2022 |
| M.A. Politics   | Modern Political Ideologies  | PAP0114  | 2022 |
| M.A. Politics   | Comparative Political Analysis                                     | PAP0121  | 2022 |
| M.A. Politics   | Theory of International Politics                                   | PAP0122  | 2022 |
| M.A. Politics   | Public Policy  | PAP0123  | 2022 |
| M.A. Politics   | Political Thought in Modern Maharashtra                            | PAP0124  | 2022 |
| B.A. History    | Early India : Part I   | UAHS111  | 2022 |
| B.A. History    | Early India : Part II  | UAHS121  | 2022 |
| M.A.History     | History : Theory & Method  | PAHS 111 | 2022 |
| M.A.History     | Evolution of Ideas and Institutions in Early India                 | PAHS 112 | 2022 |
| M.A.History     | Maratha Polity   | PAHS 113 | 2022 |
| M.A.History     | Social Background of Dalit Movement in Maharashtra                 | PAHS 114 | 2022 |
| M.A.History     | Approaches of History  | PAHS 121 | 2022 |
| M.A.History     | Socio Economics and Cultural History of Medieval India (1206-1857) | PAHS 122 | 2022 |
| M.A.History     | Economic History of the Marathas                                   | PAHS 123 | 2022 |
| M.A.History     | Nature of the Dalit Movement in Maharashtra                        | PAHS 124 | 2022 |
| B.A. Geography  | Physical Geography   | UAGG111  | 2022 |



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|                      |  |              |      |
|----------------------|--|--------------|------|
| B.A. Geography       | Human Geography                                    | UAGG121      | 2022 |
| M.A. Geography       | Principles of Geomorphology                        | PAGG111      | 2022 |
| M.A. Geography       | Principles of Climatology                          | PAGG 112     | 2022 |
| M.A. Geography       | Principles of Economic Geography                   | PAGG 113     | 2022 |
| M.A. Geography       | Principles of Population and Settlement Geography  | PAGG 114     | 2022 |
| M.A. Geography       | Practical in Physical Geography                    | PAGG 115     | 2022 |
| M.A. Geography       | Practical in Human Geography                       | PAGG 116     | 2022 |
| M.A. Geography       | Geoinformatics-I                                   | PAGG 121     | 2022 |
| M.A. Geography       | Synoptic Climatology OR                            | PAGG 122 (A) | 2022 |
| M.A. Geography       | Population Geography                               | PAGG122 (B)  | 2022 |
| M.A. Geography       | Monsoon Climatology OR                             | PAGG 123 (A) | 2022 |
| M.A. Geography       | Geography of Rural Settlements                     | PAGG 123 (B) | 2022 |
| M.A. Geography       | Geography of Disaster Management                   | PAGG 124     | 2022 |
| M.A. Geography       | Practical in Surveying                             | PAGG 125     | 2022 |
| M.A. Geography       | Practical of Statistical Techniques for Geography  | PAGG 126     | 2022 |
| B.A. Sociology       | Introduction to Sociology                          | UASO111      | 2022 |
| B.A. Sociology       | Introduction to Sociology                          | UASO121      | 2022 |
| B.A. Defence Studies | Defence Mechanism of India – I                     | UADS111 (A)  | 2022 |
| B.A. Defence Studies | Key Concept of National Security – I               | UADS111 (B)  | 2022 |
| B.A. Defence Studies | Defence Mechanism of India – II                    | UADS121 (A)  | 2022 |
| B.A. Defence Studies | Key Concept of National Security – II              | UADS121 (B)  | 2022 |
| B.A. Philosophy      | Introduction to Philosophy                         | UAPH111      | 2022 |
| B.A. Philosophy      | Moral Philosophy                                   | UAPH121      | 2022 |
| B.A. Sociology       | Traditional Logic                                  | UALO111      | 2022 |
| B.A. Sociology       | Traditional Logic                                  | UALO121      | 2022 |
| B.A. Marathi         | Sanskrit Pravesh – I                               | UASA111      | 2022 |
| B.A. Marathi         | Sanskrit Pravesh – II                              | UASA121      | 2022 |
| B.Lib.I.Sci.         | Foundations of Library & Information Science       | UBLIS 111    | 2022 |
| B.Lib.I.Sci.         | Information management and Organizations           | UBLIS 112    | 2022 |
| B.Lib.I.Sci.         | Reference Service & Information Sources            | UBLIS 113    | 2022 |
| B.Lib.I.Sci.         | Information Science                                | UBLIS 114    | 2022 |
| B.Lib.I.Sci.         | Knowledge Organization Classification - I (Theory) | UBLIS 115    | 2022 |



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|              |  |           |      |
|--------------|--|-----------|------|
| B.Lib.I.Sci. | Information Processing: Cataloguing -I (Theory)                    | UBLIS 116 | 2022 |
| B.Lib.I.Sci. | Information Communication Technologies (ICT) in Libraries (Theory) | UBLIS 117 | 2022 |
| B.Lib.I.Sci. | Librarianship as a Profession                                      | UBLIS 121 | 2022 |
| B.Lib.I.Sci. | Management of Library System                                       | UBLIS 122 | 2022 |
| B.Lib.I.Sci. | Information Sources and System                                     | UBLIS 123 | 2022 |
| B.Lib.I.Sci. | Organization of Information Systems and Services                   | UBLIS 124 | 2022 |
| B.Lib.I.Sci. | Knowledge Organization : Classification - II (Theory)              | UBLIS 125 | 2022 |
| B.Lib.I.Sci. | Information Processing : Cataloguing - II (Theory)                 | UBLIS 126 | 2022 |
| B.Lib.I.Sci. | Project-work   | UBLIS 127 | 2022 |
| B.Lib.I.Sci. | Knowledge Organization : Classification (Practical)                | UBLIS 128 | 2022 |
| B.Lib.I.Sci. | Information Processing : Cataloguing (Practical)                   | UBLIS 129 | 2022 |
| B.Lib.I.Sci. | Information Communication Technology (Practical)                   | UBLIS 130 | 2022 |
| B.Lib.I.Sci. | Information Sources : Viva-Voice                                   | UBLIS 131 | 2022 |
| M.Lib.I.Sci. | Information, Communication & Society                               | PMLIS 111 | 2022 |
| M.Lib.I.Sci. | Introduction to Research Methodology                               | PMLIS 112 | 2022 |
| M.Lib.I.Sci. | Information Retrieval  | PMLIS 113 | 2022 |
| M.Lib.I.Sci. | Management of Libraries & Information Centers -A                   | PMLIS 114 | 2022 |
| M.Lib.I.Sci. | Information Technology: (Theory)                                   | PMLIS 115 | 2022 |
| M.Lib.I.Sci. | Management of Libraries & Information Centre's -B                  | PMLIS 121 | 2022 |
| M.Lib.I.Sci. | Statistical Techniques of Research Bibliometrics                   | PMLIS 122 | 2022 |
| M.Lib.I.Sci. | Bibliographic Control & Information Systems                        | PMLIS 123 | 2022 |
| M.Lib.I.Sci. | Project  | PMLIS 124 | 2022 |
| M.Lib.I.Sci. | Information Technology Applications : Practical                    | PMLIS 125 | 2022 |
| B.A.Marathi  | ejkBh lkfgR; % dFkk vkf.k Hkkf"kd dkS'kY; fodkl                    | UAMR111   | 2022 |
| B.A.Marathi  | ejkBh lkfgR; % dfork vkf.k Hkkf"kd dkS'kY; fodkl                   | UAMR121   | 2022 |





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**2019 - 2024**

|                 |   |            |      |
|-----------------|---|------------|------|
| B.A.Marathi     | Hkk"kk lkfgR; vkf.k dkS'kY; fodkl                       | UCMR111(B) | 2022 |
| B.A.Marathi     | Hkk"kk vkf.k dkS'kY; fodkl                              | UCMR121(B) | 2022 |
| M.A. Marathi    | Vyavaharik Aani Upyojit Marathi Bhag -I                 | PAMR111    | 2022 |
| M.A. Marathi    | Madhyugin Marathi Wangmayacha Itihas (Prarambh to 1600) | PAMR112    | 2022 |
| M.A. Marathi    | Bhashavidnyan : Varnanatmak                             | PAMR113    | 2022 |
| M.A. Marathi    | Gramin Sahitya  | PAMR114    | 2022 |
| M.A. Marathi    | Vyavaharik aani Upyojit Marathi Bhag-II                 | PAMR121    | 2022 |
| M.A. Marathi    | Madhyugin Marathi Wangmayacha Itihas (1600 to 1818)     | PAMR122    | 2022 |
| M.A. Marathi    | Bhashavidnyan : Samajik                                 | PAMR123    | 2022 |
| M.A. Marathi    | Dalit Sahitya   | PAMR124    | 2022 |
| B.A. English    | Compulsory English                                      | UAEN111    | 2022 |
| B.A. English    | Functional English- I                                   | UCFE111    | 2022 |
| B.A. English    | Optional English (General Paper - I)                    | UAOE111    | 2022 |
| B.A. English    | Additional English-I                                    | UCAE111(A) | 2022 |
| B.A. English    | Compulsory English                                      | UAEN121    | 2022 |
| B.A. English    | Functional English - II                                 | UCFE121    | 2022 |
| B.A. English    | Optional English (General Paper - II)                   | UAOE121    | 2022 |
| B.A. English    | Additional English-II                                   | UCAE121(A) | 2022 |
| M.A. English    | English Literature from 1550 to 1798                    | PAEN 111   | 2022 |
| M.A. English    | English Literature from 1798 to 2000                    | PAEN 112   | 2022 |
| M.A. English    | Contemporary Studies in English Language                | PAEN 113   | 2022 |
| M.A. English    | Literary Criticism and Theory                           | PAEN 114   | 2022 |
| M.A. English    | English Literature from 1550 to 1798                    | PAEN 121   | 2022 |
| M.A. English    | English Literature from 1798 to 2000                    | PAEN 122   | 2022 |
| M.A. English    | Contemporary Studies in English Language                | PAEN 123   | 2022 |
| M.A. English    | Literary Criticism and Theory                           | PAEN 124   | 2022 |
| B.A. Psychology | General Psychology - I                                  | UAPS111    | 2022 |
| B.A. Psychology | General Psychology - II                                 | UAPS121    | 2022 |
| M.A. Psychology | Cognitive Psychology                                    | PAPS111    | 2022 |
| M.A. Psychology | Psychometrics   | PAPS112    | 2022 |
| M.A. Psychology | Statistical Methods                                     | PAPS113    | 2022 |
| M.A. Psychology | Psychology Practical: Tests                             | PAPS114    | 2022 |
| M.A. Psychology | Learning and memory                                     | PAPS121    | 2022 |
| M.A. Psychology | Psychological Testing: Applications                     | PAPS122    | 2022 |
| M.A. Psychology | Research Methodology                                    | PAPS123    | 2022 |
| M.A. Psychology | Psychology Practical: Experiments                       | PAPS124    | 2022 |



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**2019 - 2024**

|  |                                 |           |      |
|--|---------------------------------|-----------|------|
| B.A. Psychology                                  | Yogvidya General Paper – I      | UAYO111   | 2022 |
| B.A. Psychology                                  | Yogvidya General Paper – II     | UAYO121   | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Principles of Food Preservation | UBFP111   | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Food Microbiology - I           | UBFP112   | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Food Science - I                | UBFP113   | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Principles of Food Preservation | UBFP111-1 | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Computer Application            | UBFP111-2 | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Food Science-I                  | UBFP111-3 | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Nutrition Science               | UBFP121   | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Food Microbiology-II            | UBFP122   | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Food Science - II               | UBFP123   | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Nutrition Science               | UBFP121-1 | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Food Microbiology-II            | UBFP121-2 | 2022 |
| B.Voc. Food Processing & Post Harvest Technology | Soft Skill Development          | UBFP121-3 | 2022 |
| M.Voc. Food Processing Technology                | Food Microbiology               | PBFP111   | 2022 |
| M.Voc. Food Processing Technology                | Food Chemistry and Analysis     | PBFP112   | 2022 |
| M.Voc. Food                                      | Nutrition Science               | PBFP113   | 2022 |



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|  |   |         |      |
|--|---|---------|------|
| Processing Technology                  |   |         |      |
| M.Voc. Food Processing Technology      | Food Microbiology                           | PBFP114 | 2022 |
| M.Voc. Food Processing Technology      | Food Chemistry and Analysis                 | PBFP115 | 2022 |
| M.Voc. Food Processing Technology      | Bakery and Confectionery Technology         | PBFP116 | 2022 |
| M.Voc. Food Processing Technology      | Beverage and Snack Food Technology          | PBFP121 | 2022 |
| M.Voc. Food Processing Technology      | Food Additives, Contaminants and Toxicology | PBFP122 | 2022 |
| M.Voc. Food Processing Technology      | Advances in Food processing & Packaging     | PBFP123 | 2022 |
| M.Voc. Food Processing Technology      | Beverage and Snack Food Technology          | PBFP124 | 2022 |
| M.Voc. Food Processing Technology      | Processing of Fruits and Vegetable          | PBFP125 | 2022 |
| M.Voc. Food Processing Technology      | Advances in Food Processing & Packaging     | PBFP126 | 2022 |
| B.Voc. Journalism & Mass Communication | Introduction to Mass Communication          | UBJM111 | 2022 |
| B.Voc. Journalism & Mass Communication | Introduction to Journalism                  | UBJM112 | 2022 |
| B.Voc. Journalism & Mass Communication | Current Affairs- World, India, Maharashtra  | UBJM113 | 2022 |
| B.Voc. Journalism & Mass Communication | Language skills- Marathi                    | UBJM114 | 2022 |
| B.Voc. Journalism & Mass Communication | Computer Applications for Media             | UBJM115 | 2022 |
| B.Voc. Journalism                      | Basics of photography                       | UBJM116 | 2022 |





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|  |                                  |         |      |
|--|----------------------------------|---------|------|
| & Mass Communication                   |                                  |         |      |
| B.Voc. Journalism & Mass Communication | News reporting and Editing-I     | UBJM121 | 2022 |
| B.Voc. Journalism & Mass Communication | Writing for Media-I              | UBJM122 | 2022 |
| B.Voc. Journalism & Mass Communication | India after independence         | UBJM123 | 2022 |
| B.Voc. Journalism & Mass Communication | Language skills- English         | UBJM124 | 2022 |
| B.Voc. Journalism & Mass Communication | Feature Writing                  | UBJM125 | 2022 |
| B.Voc. Journalism & Mass Communication | Content Production on Mobile     | UBJM126 | 2022 |
| M.Voc. Media Studies                   | Introduction to Media Studies    | PBMS111 | 2022 |
| M.Voc. Media Studies                   | Introduction to Journalism       | PBMS112 | 2022 |
| M.Voc. Media Studies                   | Introduction to Video Production | PBMS113 | 2022 |
| M.Voc. Media Studies                   | Writing for Media                | PBMS114 | 2022 |
| M.Voc. Media Studies                   | Photography                      | PBMS115 | 2022 |
| M.Voc. Media Studies                   | Introduction to Media Software   | PBMS116 | 2022 |
| M.Voc. Media Studies                   | Camera Techniques- I             | PBMS117 | 2022 |
| M.Voc. Media Studies                   | Understanding Cinema             | PBMS121 | 2022 |
| M.Voc. Media Studies                   | Media, Society and Culture       | PBMS122 | 2022 |
| M.Voc. Media Studies                   | Media Research Methods           | PBMS123 | 2022 |
| M.Voc. Media Studies                   | Script Writing                   | PBMS124 | 2022 |
| M.Voc. Media Studies                   | Digital Content Publication      | PBMS125 | 2022 |
| M.Voc. Media                           | Camera Techniques- II            | PBMS126 | 2022 |



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**2019 - 2024**

| Studies                  |                                   |           |      |
|--------------------------|-----------------------------------|-----------|------|
| M.Voc. Media Studies     | Mobile Production                 | PBMS127   | 2022 |
| M.Voc. Media Studies     | Internship-I /Project Assistance  | PBMS128   | 2022 |
| B.Voc. Dairy Technology  | Dairy Development                 | UBDT111   | 2022 |
| B.Voc. Dairy Technology  | Dairy Farm Management             | UBDT112   | 2022 |
| B.Voc. Dairy Technology  | Dairy Chemistry                   | UBDT113   | 2022 |
| B.Voc. Dairy Technology  | Dairy Farm Management             | UBDT111-1 | 2022 |
| B.Voc. Dairy Technology  | Dairy Chemistry                   | UBDT111-2 | 2022 |
| B.Voc. Dairy Technology  | Soft Skill Development            | UBDT111-3 | 2022 |
| B.Voc. Dairy Technology  | Food Preservation Technology      | UBDT121   | 2022 |
| B.Voc. Dairy Technology  | Milk Processing Technology        | UBDT122   | 2022 |
| B.Voc. Dairy Technology  | Dairy Microbiology                | UBDT123   | 2022 |
| B.Voc. Dairy Technology  | Food Preservation Tech.           | UBDT121-1 | 2022 |
| B.Voc. Dairy Technology  | Dairy Microbiology                | UBDT121-2 | 2022 |
| B.Voc. Dairy Technology  | Computer Application              | UBDT121-3 | 2022 |
| B.Voc. Retail Management | Business Communication Skills-I   | UBRM111   | 2022 |
| B.Voc. Retail Management | Principles of Management-I        | UBRM112   | 2022 |
| B.Voc. Retail Management | Managerial Economics              | UBRM113   | 2022 |
| B.Voc. Retail Management | Introduction to Retailing         | UBRM114   | 2022 |
| B.Voc. Retail Management | Retail Sales Management           | UBRM115   | 2022 |
| B.Voc. Retail Management | Principles of Consumer Behavior-I | UBRM116   | 2022 |
| B.Voc. Retail Management | Business Communication Skills-II  | UBRM121   | 2022 |
| B.Voc. Retail Management | Principles of Management-II       | UBRM122   | 2022 |



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|--------------------------|---|------------|------|
| B.Voc. Retail Management | Legal Aspects of Business                               | UBRM123    | 2022 |
| B.Voc. Retail Management | Fundamental of Computer                                 | UBRM124    | 2022 |
| B.Voc. Retail Management | Retail Management-I                                     | UBRM125    | 2022 |
| B.Voc. Retail Management | Retail Sales Management-II                              | UBRM126    | 2022 |
| BSc. Microbiology        | Medical Microbiology                                    | MICRO:3501 | 2021 |
| BSc. Microbiology        | Genetics and Molecular Biology I                        | MICRO:3502 | 2021 |
| BSc. Microbiology        | Enzymology  | MICRO:3503 | 2021 |
| BSc. Microbiology        | Immunolgy-I   | MICRO:3504 | 2021 |
| BSc. Microbiology        | Fermentation Technology-I                               | MICRO:3505 | 2021 |
| BSc. Microbiology        | Food and Dairy Microbiology                             | MICRO:3506 | 2021 |
| BSc. Microbiology        | Practical Course – I, Applied Microbiology              | MICRO:3507 | 2021 |
| BSc. Microbiology        | Practical Course-II-Biochemistry                        | MICRO:3508 | 2021 |
| BSc. Microbiology        | Practical course-III – Clinical Microbiology            | MICRO:3509 | 2021 |
| BSc. Microbiology        | Medical Microbiology-II                                 | MICRO3601  | 2021 |
| BSc. Microbiology        | Genetics And Molecular Biology- II                      | MICRO3602  | 2021 |
| BSc. Microbiology        | Metabolism  | MICRO3603  | 2021 |
| BSc. Microbiology        | Immunology – II   | MICRO3604  | 2021 |
| BSc. Microbiology        | Fermentation Technology-II                              | MICRO3605  | 2021 |
| BSc. Microbiology        | Agricultural And Environmental Microbiology             | MICRO3606  | 2021 |
| BSc. Microbiology        | Practical Course IV Biochemistry and Molecular Biology  | MICRO3607  | 2021 |
| BSc. Microbiology        | Practical Course V Hematology and Diagnostic Immunology | MICRO3608  | 2021 |
| BSc. Microbiology        | Project   | MICRO3609  | 2021 |
| B. Sc. Electronics       | Advanced Digital System Design using Verilog            | ELE3501    | 2021 |
| B. Sc. Electronics       | 8051 Microcontroller                                    | ELE3502    | 2021 |
| B. Sc. Electronics       | Analog Circuit Design and Applications of Linear ICs    | ELE3503    | 2021 |
| B. Sc. Electronics       | Principles of Semiconductor Devices                     | ELE3504    | 2021 |
| B. Sc. Electronics       | Fundamentals of 'C' Programming                         | ELE3505    | 2021 |
| B. Sc. Electronics       | Optical Fiber Communication                             | ELE3506    | 2021 |
| B. Sc. Electronics       | Practical Course I                                      | ELE3507    | 2021 |
| B. Sc. Electronics       | Practical Course II                                     | ELE3508    | 2021 |
| B. Sc. Electronics       | Practical Course III (Project)                          | ELE3509    | 2021 |
| B. Sc. Electronics       | Advanced Communication Systems                          | ELE3601    | 2021 |





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Anekant Education Society's

# TULJARAM CHATURCHAND COLLEGE

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**Cycle IV**

**2019 - 2024**

|                    |  |             |      |
|--------------------|--|-------------|------|
| B. Sc. Electronics | Embedded Systems and Programming                         | ELE3602     | 2021 |
| B. Sc. Electronics | Power Devices and Circuits                               | ELE3603     | 2021 |
| B. Sc. Electronics | Foundation of Nanoelectronics                            | ELE3604     | 2021 |
| B. Sc. Electronics | Mathematical Methods and Circuit Simulation using MATLAB | ELE3605     | 2021 |
| B. Sc. Electronics | Industrial Automation                                    | ELE3606     | 2021 |
| B. Sc. Electronics | Practical Course I                                       | ELE3607     | 2021 |
| B. Sc. Electronics | Practical Course II                                      | ELE3608     | 2021 |
| B. Sc. Electronics | Practical Course III (Project)                           | ELE3609     | 2021 |
| B. Sc. Physics     | Mathematical Methods of Physics-II                       | PHY 3501    | 2021 |
| B. Sc. Physics     | Classical Mechanics                                      | PHY 3502    | 2021 |
| B. Sc. Physics     | Advanced Optics  | PHY 3503    | 2021 |
| B. Sc. Physics     | Solid State Physics                                      | PHY 3504    | 2021 |
| B. Sc. Physics     | Atomic and Molecular Physics                             | PHY 3505    | 2021 |
| B. Sc. Physics     | Elements of Material Science                             | PHY 3506 A  | 2021 |
| B. Sc. Physics     | Renewable Energy Sources                                 | PHY 3506 B  | 2021 |
| B. Sc. Physics     | Physics and Technology of sensors                        | PHY 3506 C  | 2021 |
| B. Sc. Physics     | Practical I  | PHY 3507    | 2021 |
| B. Sc. Physics     | Practical II   | PHY 3508    | 2021 |
| B. Sc. Physics     | Project I  | PHY 3509    | 2021 |
| B. Sc. Physics     | Classical Electrodynamics                                | PHY 3601    | 2021 |
| B. Sc. Physics     | Quantum Mechanics  | PHY 3602    | 2021 |
| B. Sc. Physics     | Statistical Physics                                      | PHY 3603    | 2021 |
| B. Sc. Physics     | Nuclear Physics  | PHY 3604    | 2021 |
| B. Sc. Physics     | Electronics II/ Advanced Electronics                     | PHY 3605    | 2021 |
| B. Sc. Physics     | Physics of Nanomaterials                                 | PHY 3606 A  | 2021 |
| B. Sc. Physics     | Solar Energy Conversion Devices                          | PHY 3606 B  | 2021 |
| B. Sc. Physics     | Sensors and its Applications                             | PHY 3606 C  | 2021 |
| B. Sc. Physics     | Practical III  | PHY 3607    | 2021 |
| B. Sc. Physics     | Practical IV   | PHY 3608    | 2021 |
| B. Sc. Physics     | Project II   | PHY 3609    | 2021 |
| B. Sc. Chemistry   | Physical chemistry I                                     | CHEM3501    | 2021 |
| B. Sc. Chemistry   | Inorganic chemistry I                                    | CHEM3502    | 2021 |
| B. Sc. Chemistry   | Organic chemistry I                                      | CHEM3503    | 2021 |
| B. Sc. Chemistry   | Analytical chemistry I                                   | CHEM3504    | 2021 |
| B. Sc. Chemistry   | Industrial chemistry I                                   | CHEM3505    | 2021 |
| B. Sc. Chemistry   | Nuclear chemistry I                                      | CHEM3506(A) | 2021 |
| B. Sc. Chemistry   | Polymer chemistry I                                      | CHEM3506(B) | 2021 |



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|                   |   |              |      |
|-------------------|---|--------------|------|
| B. Sc. Chemistry  | Introduction to biochemistry molecular biology I      | CHEM3506(C)  | 2021 |
| B. Sc. Chemistry  | Enviornmental and green chemistry I                   | CHEM3506(D)  | 2021 |
| B. Sc. Chemistry  | Agriculture chemistry                                 | CHEM3506(E)  | 2021 |
| B. Sc. Chemistry  | Synthesis of nanomaterials and nano toxicology        | CHEM3506(F)  | 2021 |
| B. Sc. Chemistry  | Physical chemistry practical                          | CHEM3507     | 2021 |
| B. Sc. Chemistry  | Inorganic chemistry practical                         | CHEM3508     | 2021 |
| B. Sc. Chemistry  | Organic chemistry practical                           | CHEM3509     | 2021 |
| B. Sc. Chemistry  | Physical chemistry II                                 | CHEM 3601    | 2021 |
| B. Sc. Chemistry  | Inorganic chemistry II                                | CHEM 3602    | 2021 |
| B. Sc. Chemistry  | Organic chemistry II                                  | CHEM3603     | 2021 |
| B. Sc. Chemistry  | Analytical chemistry II                               | CHEM3604     | 2021 |
| B. Sc. Chemistry  | Industrial chemistry II                               | CHEM3605     | 2021 |
| B. Sc. Chemistry  | Nuclear Chemistry II                                  | CHEM3606 (A) | 2021 |
| B. Sc. Chemistry  | Polymer chemistry II                                  | CHEM3606 (B) | 2021 |
| B. Sc. Chemistry  | Introduction to biochemistry and molecular biology II | CHEM3606 (C) | 2021 |
| B. Sc. Chemistry  | Enviornmental and green chemistry II                  | CHEM3606 (D) | 2021 |
| B. Sc. Chemistry  | Dairy Chemistry                                       | CHEM3606 (E) | 2021 |
| B. Sc. Chemistry  | Enviornmental nanotechnology & applications           | CHEM3606 (F) | 2021 |
| B. Sc. Chemistry  | Physical chemistry practical II OR Project (P)        | CHEM3607     | 2021 |
| B. Sc. Chemistry  | Inorganic chemistry practical II OR Project (P)       | CHEM3608     | 2021 |
| B. Sc. Chemistry  | Organic chemistry practical II OR Project (P)         | CHEM3609     | 2021 |
| B.Sc. Mathematics | Metric Spaces   | MAT3501      | 2021 |
| B.Sc. Mathematics | Real Analysis I                                       | MAT3502      | 2021 |
| B.Sc. Mathematics | Group Theory  | MAT3503      | 2021 |
| B.Sc. Mathematics | Ordinary Differential Equations                       | MAT3504      | 2021 |
| B.Sc. Mathematics | Operations Research                                   | MAT3505      | 2021 |
| B.Sc. Mathematics | Number Theory   | MAT3506      | 2021 |
| B.Sc. Mathematics | Practical based on MAT3501 and MAT3502                | MAT3507      | 2021 |
| B.Sc. Mathematics | Practical based on MAT3503 and MAT3504                | MAT3508      | 2021 |
| B.Sc. Mathematics | Practical based on MAT3505 and MAT3506                | MAT3509      | 2021 |
| B.Sc. Mathematics | Complex Analysis                                      | MAT3601      | 2021 |
| B.Sc. Mathematics | Real Analysis II                                      | MAT3602      | 2021 |
| B.Sc. Mathematics | Ring Theory   | MAT3603      | 2021 |
| B.Sc. Mathematics | Partial Differential Equations                        | MAT3604      | 2021 |
| B.Sc. Mathematics | Optimization Techniques                               | MAT3605      | 2021 |



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**2019 - 2024**

|                   |   |             |      |
|-------------------|---|-------------|------|
| B.Sc. Mathematics | Lebesgue Integration  | MAT3606     | 2021 |
| B.Sc. Mathematics | Practical based on MAT3601, MAT3602 and MAT3603                 | MAT3607     | 2021 |
| B.Sc. Mathematics | Practical based on MAT3604, MAT3605 and MAT3606                 | MAT3608     | 2021 |
| B.Sc. Mathematics | Project   | MAT3609     | 2021 |
| B.Sc. Statistics  | Distribution Theory   | STAT3501    | 2021 |
| B.Sc. Statistics  | Statistical inference-I   | STAT3502    | 2021 |
| B.Sc. Statistics  | Sampling Methods  | STAT3503    | 2021 |
| B.Sc. Statistics  | Design of Experiments   | STAT3504    | 2021 |
| B.Sc. Statistics  | Introduction to Regression Analysis                             | STAT3505    | 2021 |
| B.Sc. Statistics  | C-Programming   | STAT3506(A) | 2021 |
| B.Sc. Statistics  | Biostatistics   | STAT3506(B) | 2021 |
| B.Sc. Statistics  | Statistics Practical-I  | STAT3507    | 2021 |
| B.Sc. Statistics  | Statistics Practical-II   | STAT3508    | 2021 |
| B.Sc. Statistics  | Statistics Practical-III  | STAT3509    | 2021 |
| B.Sc. Statistics  | Introduction to Stochastics Process                             | STAT3601    | 2021 |
| B.Sc. Statistics  | Statistical inference-II  | STAT3602    | 2021 |
| B.Sc. Statistics  | Statistical Quality Control and Reliability                     | STAT3603    | 2021 |
| B.Sc. Statistics  | Operations Research   | STAT3604    | 2021 |
| B.Sc. Statistics  | Statistical Computing Using R-Software                          | STAT3605    | 2021 |
| B.Sc. Statistics  | Actuarial Statistics  | STAT3606(A) | 2021 |
| B.Sc. Statistics  | Official Statistics   | STAT3606(B) | 2021 |
| B.Sc. Statistics  | Statistics Practical-IV   | STAT3607    | 2021 |
| B.Sc. Statistics  | Statistics Practical-V  | STAT3608    | 2021 |
| B.Sc. Statistics  | Project   | STAT3609    | 2021 |
| B.Sc. Botany      | Cryptogamic Botany (Algae, Fungi, Bryophytes and Pteridophytes) | BOT3501     | 2021 |
| B.Sc. Botany      | Spermatophyta and Palaeobotany                                  | BOT3502     | 2021 |
| B.Sc. Botany      | Cell and Molecular Biology                                      | BOT3503     | 2021 |
| B.Sc. Botany      | Industrial Botany   | BOT3504     | 2021 |
| B.Sc. Botany      | Biostatistics   | BOT3505     | 2021 |
| B.Sc. Botany      | Research Methodology  | BOT3506     | 2021 |
| B.Sc. Botany      | Practical based on BOT3501 and BOT3503                          | BOT3507     | 2021 |
| B.Sc. Botany      | Practical based on BOT3502                                      | BOT3508     | 2021 |
| B.Sc. Botany      | Practical based on BOT3504 to BOT3506                           | BOT3509     | 2021 |
| B.Sc. Botany      | Plant Physiology and Biochemistry                               | BOT3601     | 2021 |
| B.Sc. Botany      | Plant Biotechnology   | BOT3602     | 2021 |
| B.Sc. Botany      | Genetics and Plant Breeding                                     | BOT3603     | 2021 |





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|                             |   |          |      |
|-----------------------------|---|----------|------|
| B.Sc. Botany                | Plant Pathology                           | BOT3604  | 2021 |
| B.Sc. Botany                | Pharmacognosy                             | BOT3605  | 2021 |
| B.Sc. Botany                | Botanical Techniques                      | BOT3606  | 2021 |
| B.Sc. Botany                | Practical based on BOT3601 to BOT3603     | BOT3607  | 2021 |
| B.Sc. Botany                | Practical based on BOT3604 to BOT3606     | BOT3608  | 2021 |
| B.Sc. Botany                | Project                                   | BOT3609  | 2021 |
| B.Sc. Zoology               | Animal Systematics and Diversity – IV     | ZOO:3501 | 2021 |
| B.Sc. Zoology               | Mammalian Histology                       | ZOO:3502 | 2021 |
| B.Sc. Zoology               | Biochemistry                              | ZOO:3503 | 2021 |
| B.Sc. Zoology               | Environmental Biology and Toxicology      | ZOO:3504 | 2021 |
| B.Sc. Zoology               | Parasitology                              | ZOO:3505 | 2021 |
| B.Sc. Zoology               | A] Cell Biology                           | ZOO:3506 | 2021 |
| B.Sc. Zoology               | Zoology Practical-V                       | ZOO:3507 | 2021 |
| B.Sc. Zoology               | Zoology Practical-VI                      | ZOO:3508 | 2021 |
| B.Sc. Zoology               | Zoology Practical-VII                     | ZOO:3509 | 2021 |
| B.Sc. Zoology               | Biological Techniques                     | ZOO:3601 | 2021 |
| B.Sc. Zoology               | Mammalian Physiology & Endocrinology      | ZOO:3602 | 2021 |
| B.Sc. Zoology               | Genetics & Molecular Biology              | ZOO:3603 | 2021 |
| B.Sc. Zoology               | Organic Evolution                         | ZOO:3604 | 2021 |
| B.Sc. Zoology               | General Embryology                        | ZOO:3605 | 2021 |
| B.Sc. Zoology               | A] Medical Entomology                     | ZOO:3606 | 2021 |
| B.Sc. Zoology               | Zoology Practical-VIII                    | ZOO:3607 | 2021 |
| B.Sc. Zoology               | Zoology Practical-IX                      | ZOO:3608 | 2021 |
| B.Sc. Zoology               | Minor Research Project                    | ZOO:3609 | 2021 |
| B.Sc. Environmental Science | Ecosystem Management                      | EVS 3501 | 2021 |
| B.Sc. Environmental Science | Wildlife Biology                          | EVS 3502 | 2021 |
| B.Sc. Environmental Science | Geoscience                                | EVS 3503 | 2021 |
| B.Sc. Environmental Science | Nature Conservation                       | EVS 3504 | 2021 |
| B.Sc. Environmental Science | Environmental Governance, Laws and Ethics | EVS 3505 | 2021 |
| B.Sc. Environmental Science | Environmental Biotechnology               | EVS 3506 | 2021 |
| B.Sc. Environmental Science | Practical based on EVS3501 and EVS3502    | EVS 3507 | 2021 |
| B.Sc. Environmental Science | Practical based on EVS3503 and EVS3504    | EVS 3508 | 2021 |
| B.Sc. Environmental Science | Practical based on EVS3505 and EVS3506    | EVS 3509 | 2021 |



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|                             |  |           |      |
|-----------------------------|--|-----------|------|
| B.Sc. Environmental Science | Climate Change                           | EVS 3601  | 2021 |
| B.Sc. Environmental Science | Analytical Methods                       | EVS 3602  | 2021 |
| B.Sc. Environmental Science | Sustainable Development                  | EVS 3603  | 2021 |
| B.Sc. Environmental Science | Environmental Statistics                 | EVS 3604  | 2021 |
| B.Sc. Environmental Science | Environmental Safety and Risk Management | EVS 3605  | 2021 |
| B.Sc. Environmental Science | Environmental Economics And Audit        | EVS 3606  | 2021 |
| B.Sc. Environmental Science | Practical based on EVS 3601 to EVS 3603  | EVS 3607  | 2021 |
| B.Sc. Environmental Science | Practical based on EVS 3604 to EVS 3606  | EVS 3608  | 2021 |
| B.Sc. Environmental Science | Project                                  | EVS 3609  | 2021 |
| B.Sc. Computer Science      | System Programming & Operating System    | CSCO3501  | 2021 |
| B.Sc. Computer Science      | Theoretical Computer Science             | CSCO 3502 | 2021 |
| B.Sc. Computer Science      | Computer Networks - I                    | CSCO3503  | 2021 |
| B.Sc. Computer Science      | Web Development – I                      | CSCO3504  | 2021 |
| B.Sc. Computer Science      | Advanced Programming in Java             | CSCO3505  | 2021 |
| B.Sc. Computer Science      | Object Oriented Software Engineering     | CSCO3506  | 2021 |
| B.Sc. Computer Science      | Lab Course I: Based on CSCO3501          | CSCO3507  | 2021 |
| B.Sc. Computer Science      | Lab Course II: Based on CSCO3505         | CSCO3508  | 2021 |
| B.Sc. Computer Science      | Lab Course III: Based on CSCO3504        | CSCO3509  | 2021 |
| B.Sc. Computer Science      | Advanced Operating System                | CSCO3601  | 2021 |
| B.Sc. Computer Science      | Compiler Construction                    | CSCO3602  | 2021 |
| B.Sc. Computer Science      | Computer Networks - II                   | CSCO3603  | 2021 |
| B.Sc. Computer Science      | Web Development–II                       | CSCO3604  | 2021 |
| B.Sc. Computer Science      | Advanced Java Technologies – Frameworks  | CSCO3605  | 2021 |



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|                        |   |              |      |
|------------------------|---|--------------|------|
| B.Sc. Computer Science | Software Metrics & Project Management                       | CSCO3606     | 2021 |
| B.Sc. Computer Science | Lab Course I: Based on CSCO3601                             | CSCO3607     | 2021 |
| B.Sc. Computer Science | Lab Course II: Based on CSCO3605 & Mini Project using JAVA  | CSCO3608     | 2021 |
| B.Sc. Computer Science | Lab Course III: Based on CSCO3604 & Mini Project using PHP. | CSCO3609     | 2021 |
| B. Com.                | Business Regulatory Framework I                             | COMBRF3501   | 2021 |
| B. Com.                | Advanced Accounting I                                       | COMAA3502    | 2021 |
| B. Com.                | Auditing  | COMA3504     | 2021 |
| B. Com.                | Marketing Management III                                    | COMMMM3505 A | 2021 |
| B. Com.                | Marketing Management IV                                     | COMMMM3506 A | 2021 |
| B. Com.                | Cost and Works Accounting III                               | COMCWA3505 B | 2021 |
| B. Com.                | Cost and Works Accounting IV                                | COMCWA3506 B | 2021 |
| B. Com.                | Business Regulatory Framework II                            | COMBRF3601   | 2021 |
| B. Com.                | Advanced Accounting II                                      | COMBRF3602   | 2021 |
| B. Com.                | Income Tax  | COMT3604     | 2021 |
| B. Com.                | Marketing Management V                                      | COMMMM3605 A | 2021 |
| B. Com.                | Marketing Management VI                                     | COMMMM3606 A | 2021 |
| B. Com.                | Cost and Works Accounting V                                 | COMCWA3605 B | 2021 |
| B. Com.                | Cost and Works Accounting VI                                | COMCWA3606 B | 2021 |
| B.B.A.                 | Supply chain logistic Management                            | BBA 3501     | 2021 |
| B.B.A.                 | Entrepreneurship Development                                | BBA 3502     | 2021 |
| B.B.A.                 | Business Law  | BBA 3503     | 2021 |
| B.B.A.                 | Research Methodology  | BBA 3504     | 2021 |
| B.B.A.                 | Human Resource Management Principles and Practices          | BBA 3505 A   | 2021 |
| B.B.A.                 | Conflict and Negotiation Management                         | BBA 3506 A   | 2021 |
| B.B.A.                 | Analysis of Financial Statement                             | BBA 3505 B   | 2021 |
| B.B.A.                 | Long Term Finance   | BBA 3506 B   | 2021 |
| B.B.A.                 | Retail Management   | BBA 3505 C   | 2021 |
| B.B.A.                 | Digital Marketing   | BBA 3506 C   | 2021 |
| B.B.A.                 | Project   | BBA 3507     | 2021 |
| B.B.A.                 | Business Planning and project Management                    | BBA 3601     | 2021 |
| B.B.A.                 | Management Control System                                   | BBA 3602     | 2021 |





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|----------------|--|------------|------|
| B.B.A.         | E- Business                            | BBA 3603   | 2021 |
| B.B.A.         | Business Analytics                     | BBA 3604   | 2021 |
| B.B.A.         | Human Resource Practices               | BBA 3605-A | 2021 |
| B.B.A.         | Labour Welfare                         | BBA 3606-A | 2021 |
| B.B.A.         | Financial Management                   | BBA 3605-B | 2021 |
| B.B.A.         | Financial Services                     | BBA 3606-B | 2021 |
| B.B.A.         | Sales Management                       | BBA 3605-C | 2021 |
| B.B.A.         | Advertising and Sales Promotion        | BBA 3606-C | 2021 |
| B.B.A.         | Marketing Of Special Services In India | BBA 3605-D | 2021 |
| B.B.A.         | Service Operation Processes            | BBA 3606-D | 2021 |
| B.B.A. (CA)    | Android Application Programming        | BCA3501    | 2021 |
| B.B.A. (CA)    | .Net Programming                       | BCA3502    | 2021 |
| B.B.A. (CA)    | Cloud Computing                        | BCA3503A   | 2021 |
| B.B.A. (CA)    | Internet of Things                     | BCA3503B   | 2021 |
| B.B.A. (CA)    | Digital Marketing                      | BCA3504A   | 2021 |
| B.B.A. (CA)    | Machine Learning                       | BCA3504B   | 2021 |
| B.B.A. (CA)    | Project                                | BCA3505    | 2021 |
| B.B.A. (CA)    | Computer Laboratory based on (BCA3501) | BCA3506    | 2021 |
| B.B.A. (CA)    | Computer Laboratory based on (BCA3502) | BCA3507    | 2021 |
| B.B.A. (CA)    | Computer Laboratory based on (BCA3503) | BCA3508    | 2021 |
| B.B.A. (CA)    | Data Analytics using Python            | BCA3601    | 2021 |
| B.B.A. (CA)    | NOSQL Databases                        | BCA3602    | 2021 |
| B.B.A. (CA)    | Big Data                               | BCA3603A   | 2021 |
| B.B.A. (CA)    | Block Chain                            | BCA3603B   | 2021 |
| B.B.A. (CA)    | Data Mining                            | BCA3604A   | 2021 |
| B.B.A. (CA)    | Deep Learning                          | BCA3604B   | 2021 |
| B.B.A. (CA)    | Project                                | BCA3605    | 2021 |
| B.B.A. (CA)    | Computer Laboratory based on (BCA3601) | BCA3606    | 2021 |
| B.B.A. (CA)    | Computer Laboratory based on (BCA3602) | BCA3607    | 2021 |
| B.A. Hindi     | सामान्यहिंदी )G-3)                     | HINGEN3501 | 2021 |
| B.A. Hindi     | हिंदीसाहित्य का इतिहास                 | HINSPL3502 | 2021 |
| B.A. Hindi     | हिंदीभाषा का विकास                     | HINSPL3503 | 2021 |
| B.A. Hindi     | सामान्यहिंदी )G-3)                     | HINGEN3601 | 2021 |
| B.A. Hindi     | हिंदीसाहित्य का इतिहास                 | HINSPL3602 | 2021 |
| B.A. Hindi     | हिंदीभाषा का विकास                     | HINSPL3603 | 2021 |
| B.A. Economics | International Economics I              | ECOGEN3501 | 2021 |
| B.A. Economics | International Economics II             | ECOGEN3601 | 2021 |



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Anekant Education Society's

# TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

**Empowered Autonomous Status**

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

**NAAC-SSR**

**Cycle IV**

**2019 - 2024**

|                |  |              |      |
|----------------|--|--------------|------|
| B.A. Economics | Economic Growth and Development I                        | ECOSPL3502   | 2021 |
| B.A. Economics | Economic Growth and Development II                       | ECOSPL3602   | 2021 |
| B.A. Economics | Quantitative Techniques I                                | ECOSPL3503   | 2021 |
| B.A. Economics | Quantitative Techniques II                               | ECOSPL3603   | 2021 |
| B.A. Economics | International Economics I                                | COMIE3503    | 2021 |
| B.A. Economics | International Economics II                               | COMIE3603    | 2021 |
| B.A. Economics | Development Banks I                                      | COMBF3505C   | 2021 |
| B.A. Economics | Development Banks II                                     | COMBF3506C   | 2021 |
| B.A. Economics | Banking Law & Practice I                                 | COMBF3605C   | 2021 |
| B.A. Economics | Banking Law & Practice II                                | COMBF3606C   | 2021 |
| B.A. Politics  | Political Ideology G-3                                   | POL 3501     | 2021 |
| B.A. Politics  | Public Administration S-3                                | POL 3502     | 2021 |
| B.A. Politics  | International Politics S-4                               | POL 3503     | 2021 |
| B.A. Politics  | Political Ideology G-3                                   | POL 3601     | 2021 |
| B.A. Politics  | Public Administration S-3                                | POL 3602     | 2021 |
| B.A. Politics  | International Politics S-4                               | POL 3603     | 2021 |
| B.A. History   | History of the world in 20th Century (1914-1992) Part I  | HIS GEN 3501 | 2021 |
| B.A. History   | Introduction to History Part I                           | HISSPL3502   | 2021 |
| B.A. History   | History of Asia in 20th Century (1914-1992) Part I       | HISSPL3503   | 2021 |
| B.A. History   | History of the world in 20th Century (1914-1992) Part II | HIS GEN 3601 | 2021 |
| B.A. History   | Introduction to History Part II                          | HISSPL3602   | 2021 |
| B.A. History   | History of Asia in 20th Century (1914-1992) Part II      | HISSPL3603   | 2021 |
| B.A. Geography | Geography of India (Physical)                            | GEO 3501     | 2021 |
| B.A. Geography | Geography of Tourism-I                                   | GEO 3502     | 2021 |
| B.A. Geography | Practical in Map Making and Reading                      | GEO 3503     | 2021 |
| B.A. Geography | Geography of India (Human)                               | GEO 3601     | 2021 |
| B.A. Geography | Geography of Tourism-II                                  | GEO 3602     | 2021 |
| B.A. Geography | Practical in Statistical Techniques for Geography        | GEO 3603     | 2021 |
| B.A. Geography | Project-2  | PR-2         | 2021 |
| B.A. Sociology | Crime and Society  | SOCGEN3501   | 2021 |
| B.A. Sociology | Social Research Methods                                  | SOCSP3502    | 2021 |
| B.A. Sociology | Contemporary Indian Society                              | SOCSP3503    | 2021 |
| B.A. Sociology | Crime and Society  | SOCGEN3601   | 2021 |
| B.A. Sociology | Social Research Methods                                  | SOCSP3602    | 2021 |
| B.A. Sociology | Contemporary Indian Society                              | SOCSP3603    | 2021 |



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|                      |  |              |      |
|----------------------|--|--------------|------|
| B.A. Defence Studies | India's National Security in 21st Century I  | DEF-3501(A)  | 2021 |
| B.A. Defence Studies | War and Contemporary Warfare I               | DEF-3501(B)  | 2021 |
| B.A. Defence Studies | International and Regional Organizations I   | DEF 3502     | 2021 |
| B.A. Defence Studies | Defence Economics I                          | DEF 3503     | 2021 |
| B.A. Defence Studies | India's National Security in 21st Century II | DEF-3601(A)  | 2021 |
| B.A. Defence Studies | War and Contemporary Warfare II              | DEF-3601(B)  | 2021 |
| B.A. Defence Studies | International and Regional Organizations II  | DEF 3602     | 2021 |
| B.A. Defence Studies | Defence Economics II                         | DEF 3603     | 2021 |
| B.A. Philosophy      | Modern Indian Philosopher                    | PHIL3501     | 2021 |
| B.A. Philosophy      | Modern Indian Philosopher                    | PHIL3601     | 2021 |
| B.A. Philosophy      | Indian & Western Philosophy                  | PHIL3502     | 2021 |
| B.A. Philosophy      | Indian & Western Philosophy                  | PHIL3602     | 2021 |
| B.A. Philosophy      | Jain Philosophy                              | PHIL3503     | 2021 |
| B.A. Philosophy      | Jain Philosophy                              | PHIL3603     | 2021 |
| B.A. Philosophy      | Project                                      | PR-II        | 2021 |
| B.A. Sociology       | LOGIC: Methodology of Social Science         | LOG3501      | 2021 |
| B.A. Sociology       | LOGIC: Methodology of Social Science         | LOG3601      | 2021 |
| B.A. Marathi         | SANSKRIT BHASHA PRABODH - 1                  | SANGEN3501   | 2021 |
| B.A. Marathi         | SANSKRIT BHASHA PRABODH - 2                  | SANGEN3601   | 2021 |
| B.A. Marathi         | आधुनिकमराठी साहित्य प्रकारांचा अभ्यास        | MARGEN3501   | 2021 |
| B.A. Marathi         | साहित्यविचार                                 | MARSPL3502   | 2021 |
| B.A. Marathi         | मराठीचाभाषिकअभ्यास                           | MARSPL3503   | 2021 |
| B.A. Marathi         | आधुनिकमराठीसाहित्यप्रकारांचाअभ्यास           | MARGEN3601   | 2021 |
| B.A. Marathi         | साहित्यविचार                                 | MARSPL3602   | 2021 |
| B.A. Marathi         | मराठीचाभाषिकअभ्यास                           | MARSPL3603   | 2021 |
| B.A. Psychology      | Psychology At Workplace (A)                  | PSY GEN 3501 | 2021 |
| B.A. Psychology      | Applied Psychology-I(B)                      | PSY GEN 3501 | 2021 |
| B.A. Psychology      | Yoga Vidya-V                                 | YOG GEN 3501 | 2021 |
| B.A. Psychology      | Psychological Research                       | PSY SPL 3502 | 2021 |
| B.A. Psychology      | Psychology Practical:Tests                   | PSY SPL 3503 | 2021 |
| B.A. Psychology      | Organizational Psychology(A)                 | PSY GEN 3601 | 2021 |





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|--|--|--------------|------|
| B.A. Psychology                                  | Applied Psychology-II(B)                                 | PSY GEN 3601 | 2021 |
| B.A. Psychology                                  | Yoga Vidya-VI  | YOG GEN 3601 | 2021 |
| B.A. Psychology                                  | Experimental Psychology                                  | PSY SPL3602  | 2021 |
| B.A. Psychology                                  | Psychology Practical:Experiments                         | PSY SPL3603  | 2021 |
| B.A. English                                     | Compulsory English                                       | ENGCO3501    | 2021 |
| B.A. English                                     | Advance Study of English Language and Literature (G-III) | ENGGE3502    | 2021 |
| B.A. English                                     | Appreciating Novel (S-III)                               | ENGSP3503    | 2021 |
| B.A. English                                     | Introduction to Literary Criticism (S-IV)                | ENGSP3504    | 2021 |
| B.A. English                                     | Compulsory English                                       | ENGCO3601    | 2021 |
| B.A. English                                     | Advance Study of English Language and Literature (G-III) | ENGGE3602    | 2021 |
| B.A. English                                     | Appreciating Novel (S-III)                               | ENGSP3603    | 2021 |
| B.A. English                                     | Introduction to Literary Criticism (S-IV)                | ENGSP3604    | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Dairy Technology   | FP-13        | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Food Quality and Safety Management                       | FP-14        | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Principle of Post-Harvest Technology                     | FP-15        | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Dairy Technology   | FP-5.1       | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Entrepreneurship Development                             | FP-5.2       | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Project  | FP-5.3       | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Animal Product Technology                                | FP-16        | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Food Safety, Hygiene & Sanitation                        | FP-17        | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Packaging Technology                                     | FP-18        | 2021 |
| B.Voc. Food Processing & Post Harvest Technology | Animal Product Technology                                | FP-6.1       | 2021 |
| B.Voc. Food                                      | Packaging Technology                                     | FP-6.2       | 2021 |



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|--|--|-----------|------|
| Processing & Post Harvest Technology             |  |           |      |
| B.Voc. Food Processing & Post Harvest Technology | Internship                             | FP-6.3    | 2021 |
| B.Voc. Journalism & Mass Communication           | Introduction to Digital Media          | JM 501    | 2021 |
| B.Voc. Journalism & Mass Communication           | Introduction to Media Research         | JM 502    | 2021 |
| B.Voc. Journalism & Mass Communication           | Mass Communication Theory              | JM 503    | 2021 |
| B.Voc. Journalism & Mass Communication           | Content Development For Digital Media  | JM 504    | 2021 |
| B.Voc. Journalism & Mass Communication           | Video Production Group Project         | JM 505    | 2021 |
| B.Voc. Journalism & Mass Communication           | Industry Internship                    | JM 506    | 2021 |
| B.Voc. Journalism & Mass Communication           | Basics of Advertising                  | JM 601    | 2021 |
| B.Voc. Journalism & Mass Communication           | Basics of Public Relations             | JM 602    | 2021 |
| B.Voc. Journalism & Mass Communication           | Media Management                       | JM 603    | 2021 |
| B.Voc. Journalism & Mass Communication           | Advertising Practices                  | JM 604    | 2021 |
| B.Voc. Journalism & Mass Communication           | Dissertation/In-depth reporting (IDR)  | JM 605    | 2021 |
| B.Voc. Journalism & Mass Communication           | Internship                             | JM 606    | 2021 |
| B.Voc. Dairy Technology                          | Quality Assurance and Waste Management | BDT - 501 | 2021 |
| B.Voc. Dairy Technology                          | Fat Rich Milk Products                 | BDT - 502 | 2021 |
| B.Voc. Dairy Technology                          | Dairy Plant Management                 | BDT - 503 | 2021 |
| B.Voc. Dairy Technology                          | Quality Assurance and Waste Management | BDT - 5.1 | 2021 |
| B.Voc. Dairy Technology                          | Fat Rich Milk Products                 | BDT - 5.2 | 2021 |
| B.Voc. Dairy Technology                          | Project                                | BDT - 5.3 | 2021 |
| B.Voc. Dairy Technology                          | Dairy Product Development              | BDT - 601 | 2021 |
| B.Voc. Dairy Technology                          | Packaging Technology                   | BDT - 602 | 2021 |
| B.Voc. Dairy Technology                          | Entrepreneurship Development           | BDT - 603 | 2021 |
| B.Voc. Dairy Technology                          | Dairy Product Development              | BDT - 6.1 | 2021 |



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|--------------------------|--|-----------|------|
| B.Voc. Dairy Technology  | Packaging Technology   | BDT – 6.2 | 2021 |
| B.Voc. Dairy Technology  | In – Plant Training  | BDT – 6.3 | 2021 |
| B.Voc. Retail Management | Marketing Research   | RM 1501   | 2021 |
| B.Voc. Retail Management | Bank Finance   | RM 1502   | 2021 |
| B.Voc. Retail Management | Human Resource Management for RM   | RM 1503   | 2021 |
| B.Voc. Retail Management | Internship   | RM 1504   | 2021 |
| B.Voc. Retail Management | Material & Logistics Management  | RM 1505   | 2021 |
| B.Voc. Retail Management | Retail Store Operation-III   | RM 1506   | 2021 |
| B.Voc. Retail Management | Marketing Management   | RM 1601   | 2021 |
| B.Voc. Retail Management | Retail Financial Services  | RM 1602   | 2021 |
| B.Voc. Retail Management | Entrepreneurship Development   | RM 1603   | 2021 |
| B.Voc. Retail Management | Internship   | RM 1604   | 2021 |
| B.Voc. Retail Management | E-Commerce & Digital Marketing   | RM 1605   | 2021 |
| B.Voc. Retail Management | Retail Store Operation-IV  | RM 1606   | 2021 |
| BSc. Microbiology        | Bacterial Systematics and Physiology   | MICRO2301 | 2020 |
| BSc. Microbiology        | Industrial and Soil Microbiology   | MICRO2302 | 2020 |
| BSc. Microbiology        | Practical course   | MICRO2303 | 2020 |
| BSc. Microbiology        | Air and Water Microbiology   | MICRO2401 | 2020 |
| BSc. Microbiology        | Bacterial Genetics   | MICRO2402 | 2020 |
| BSc. Microbiology        | Practical course   | MICRO2403 | 2020 |
| M.Sc.Microbiology        | Immunology   | MICRO5301 | 2020 |
| M.Sc.Microbiology        | Molecular Biology I  | MICRO5302 | 2020 |
| M.Sc.Microbiology        | Industrial Waste Water Treatment   | MICRO5303 | 2020 |
| M.Sc.Microbiology        | Biophysical Techniques   | MICRO5304 | 2020 |
| M.Sc.Microbiology        | Practical Course: Practical course based on Immunology, Pharmaceutical Microbiology and Industrial waste water treatment | MICRO5305 | 2020 |
| M.Sc.Microbiology        | Practical Course: Practical course based on Molecular Biology (I and II) and Microbial Technology                        | MICRO5306 | 2020 |





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|------------------------|---|------------|------|
| M.Sc.Microbiology      | Pharmaceutical Microbiology                             | MICRO5401  | 2020 |
| M.Sc.Microbiology      | Molecular Biology II                                    | MICRO5402  | 2020 |
| M.Sc.Microbiology      | Microbial Technology                                    | MICRO5403  | 2020 |
| M.Sc.Microbiology      | Medical Microbiology                                    | MICRO5404  | 2020 |
| M.Sc.Microbiology      | Dissertation I  | MICRO5405  | 2020 |
| M.Sc.Microbiology      | Dissertation II   | MICRO5406  | 2020 |
| B. Sc. Electronics     | Analog Circuit Design                                   | ELE2301    | 2020 |
| B. Sc. Electronics     | Digital Circuit Design                                  | ELE2302    | 2020 |
| B. Sc. Electronics     | Practical Course  | ELE2303    | 2020 |
| B. Sc. Electronics     | Instrumentation   | ELE2401    | 2020 |
| B. Sc. Electronics     | Communication Electronics                               | ELE2402    | 2020 |
| B. Sc. Electronics     | Practical Course  | ELE2403    | 2020 |
| B.Sc. Computer Science | Fundamentals of Memory organization and Embedded System | CSEL2101   | 2020 |
| B.Sc. Computer Science | Analog Electronics                                      | CSEL 2102  | 2020 |
| B.Sc. Computer Science | Practical Course  | CSEL 2103  | 2020 |
| B.Sc. Computer Science | The 8051 Architecture, Interfacing & Programming        | CSEL2201   | 2020 |
| B.Sc. Computer Science | Advanced Communication Techniques                       | CSEL 2202  | 2020 |
| B.Sc. Computer Science | Practical Course  | CSEL 2203  | 2020 |
| M.Sc.Electronics       | Advanced Communication Electronics                      | ELE4301    | 2020 |
| M.Sc.Electronics       | Advanced Embedded Systems                               | ELE4302    | 2020 |
| M.Sc.Electronics       | Digital Signal Processing                               | ELE4303    | 2020 |
| M.Sc.Electronics       | Programmable Logic Controllers and Applications         | ELE4304    | 2020 |
| M.Sc.Electronics       | Practical Course –V                                     | ELE4305    | 2020 |
| M.Sc.Electronics       | Practical Course –VI                                    | ELE4306    | 2020 |
| M.Sc.Electronics       | Control Systems   | ELE4401    | 2020 |
| M.Sc.Electronics       | Advanced Power Electronics                              | ELE4402    | 2020 |
| M.Sc.Electronics       | Mechatronics and Robotics                               | ELE4403    | 2020 |
| M.Sc.Electronics       | Wireless Sensor Networks                                | ELE4404    | 2020 |
| M.Sc.Electronics       | Project   | ELE4405    | 2020 |
| B. Sc. Physics         | Electronics-I   | PHY 2301 A | 2020 |
| B. Sc. Physics         | Instrumentation   | PHY 2301 B | 2020 |
| B. Sc. Physics         | Thermal Physics   | PHY 2302   | 2020 |
| B. Sc. Physics         | Practical-I   | PHY 2303   | 2020 |



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|---------------------------|--|-----------|------|
| B. Sc. Physics            | Mathematical Methods of Physics-I                | PHY 2401  | 2020 |
| B. Sc. Physics            | Element of Modern Physics                        | PHY 2402  | 2020 |
| B. Sc. Physics            | Practical-II                                     | PHY 2403  | 2020 |
| M.Sc. Physics             | Statistical Physics                              | PHY5301   | 2020 |
| M.Sc. Physics             | Solid State Physics                              | PHY5302   | 2020 |
| M.Sc. Physics             | Physics of thin films-I                          | PHY5303 A | 2020 |
| M.Sc. Physics             | Nano-technology-I                                | PHY5303 B | 2020 |
| M.Sc. Physics             | Biomedical Instrumentation-I                     | PHY5303 C | 2020 |
| M.Sc. Physics             | Electronic Instrumentation-I                     | PHY5304 A | 2020 |
| M.Sc. Physics             | Laser-I  | PHY5304 B | 2020 |
| M.Sc. Physics             | Energy Studies-I                                 | PHY5304 C | 2020 |
| M.Sc. Physics             | Microcontroller-                                 | PHY5304 D | 2020 |
| M.Sc. Physics             | Special Lab-I                                    | PHY5305   | 2020 |
| M.Sc. Physics             | Project-I  | PHY5306   | 2020 |
| M.Sc. Physics             | Nuclear & Particle Physics                       | PHY5401   | 2020 |
| M.Sc. Physics             | Material Science                                 | PHY5402   | 2020 |
| M.Sc. Physics             | Physics of thin films-II                         | PHY5403 A | 2020 |
| M.Sc. Physics             | Nano-technology-II                               | PHY5403 B | 2020 |
| M.Sc. Physics             | Biomedical Instrumentation-II                    | PHY5403 C | 2020 |
| M.Sc. Physics             | Electronic Instrumentation-II                    | PHY5404 A | 2020 |
| M.Sc. Physics             | Laser-II   | PHY5404 B | 2020 |
| M.Sc. Physics             | Energy Studies-II                                | PHY5404 C | 2020 |
| M.Sc. Physics             | Microcontroller- II                              | PHY5404 D | 2020 |
| M.Sc. Physics             | Special Lab-II                                   | PHY5405   | 2020 |
| M.Sc. Physics             | Project-II                                       | PHY5406   | 2020 |
| B. Sc. Chemistry          | Physical and Analytical chemistry                | CHEM2301  | 2020 |
| B. Sc. Chemistry          | Organic and Inorganic Chemistry                  | CHEM2302  | 2020 |
| B. Sc. Chemistry          | Practical Course III                             | CHEM2303  | 2020 |
| B. Sc. Chemistry          | Physical and Analytical Chemistry                | CHEM2401  | 2020 |
| B. Sc. Chemistry          | Organic and Inorganic chemistry                  | CHEM2402  | 2020 |
| B. Sc. Chemistry          | Practical Course IV                              | CHEM2403  | 2020 |
| M.Sc. Inorganic Chemistry | Organometallic chemistry & homogeneous catalysis | CHI5301   | 2020 |
| M.Sc. Inorganic Chemistry | Inorganic reaction mechanism and photochemistry  | CHI5302   | 2020 |
| M.Sc. Inorganic Chemistry | Physical methods in Inorganic Chemistry          | CHI5303   | 2020 |
| M.Sc. Inorganic Chemistry | Bioinorganic and Inorganic medicinal chemistry   | CHI5304   | 2020 |
| M.Sc. Inorganic Chemistry | Analysis, Estimation and computer application    | CHI5305   | 2020 |



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|---------------------------|--|---------|------|
| Chemistry                 |  |         |      |
| M.Sc. Inorganic Chemistry | Inorganic preparations and Instrumental Analysis                   | CHI5306 | 2020 |
| M.Sc. Inorganic Chemistry | Heterogeneous catalysis and inorganic polymers                     | CHI5401 | 2020 |
| M.Sc. Inorganic Chemistry | Material Science I : Inorganic materials and solid state chemistry | CHI5402 | 2020 |
| M.Sc. Inorganic Chemistry | Material Science II : Nanomaterials                                | CHI5403 | 2020 |
| M.Sc. Inorganic Chemistry | Inorganic applications in industrial and environmental chemistry   | CHI5404 | 2020 |
| M.Sc. Inorganic Chemistry | Extended practical in inorganic chemistry                          | CHI5405 | 2020 |
| M.Sc. Inorganic Chemistry | Project work   | CHI5406 | 2020 |
| M.Sc.Organic Chemistry    | Designing of organic synthesis and heterocyclic chemistry          | CHO5301 | 2020 |
| M.Sc.Organic Chemistry    | Spectroscopic methods in structure determination                   | CHO5302 | 2020 |
| M.Sc.Organic Chemistry    | Organic Stereochemistry I and Organic reaction mechanism           | CHO5303 | 2020 |
| M.Sc.Organic Chemistry    | Photochemistry, Free radicals and Pericyclic reactions             | CHO5304 | 2020 |
| M.Sc.Organic Chemistry    | Single stage preparations  | CHO5305 | 2020 |
| M.Sc.Organic Chemistry    | Double and multiple stage preparations                             | CHO5306 | 2020 |
| M.Sc.Organic Chemistry    | Chemistry of natural product I                                     | CHO5401 | 2020 |
| M.Sc.Organic Chemistry    | Advanced Synthetic   | CHO5402 | 2020 |
| M.Sc.Organic Chemistry    | Biomolecules, org chemistry of drug design and chiral drugs        | CHO5403 | 2020 |
| M.Sc.Organic Chemistry    | Organic stereochemistry II and Asymmetric synthesis                | CHO5404 | 2020 |
| M.Sc.Organic Chemistry    | Innovative experiments in organic chemistry                        | CHO5405 | 2020 |
| M.Sc.Organic Chemistry    | Project work   | CHO5406 | 2020 |
| M.Sc.Analytical Chemistry | Analytical methods development & validation, Nanotechnology        | CHA5301 | 2020 |
| M.Sc.Analytical Chemistry | Electrochemical methods and food analysis                          | CHA5302 | 2020 |
| M.Sc.Analytical Chemistry | Pharmaceutical Analysis  | CHA5303 | 2020 |





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|----------------------------|--|----------|------|
| Chemistry                  |  |          |      |
| M.Sc. Analytical Chemistry | Analytical spectroscopy  | CHA5304  | 2020 |
| M.Sc. Analytical Chemistry | Analysis of materials  | CHA5305  | 2020 |
| M.Sc. Analytical Chemistry | Instrumental Analysis  | CHA5306  | 2020 |
| M.Sc. Analytical Chemistry | Forensic Science   | CHA5401  | 2020 |
| M.Sc. Analytical Chemistry | Advances in analytical techniques  | CHA5402  | 2020 |
| M.Sc. Analytical Chemistry | Analytical methods for Analysis of fertilizers, detergents, water and polymer, paint and pigment | CHA5403  | 2020 |
| M.Sc. Analytical Chemistry | Methods of analysis and applications   | CHA5404  | 2020 |
| M.Sc. Analytical Chemistry | Analysis of pharmaceutical, food and bioanalytical samples                                       | CHA5405  | 2020 |
| M.Sc. Analytical Chemistry | Project work   | CHA5406  | 2020 |
| B.Sc. Mathematics          | Multivariable Calculus I   | MAT2301  | 2020 |
| B.Sc. Mathematics          | Laplace Transform and Fourier Series   | MAT2302  | 2020 |
| B.Sc. Mathematics          | Practical based on MAT2301 and MAT2302   | MAT2303  | 2020 |
| B.Sc. Mathematics          | Linear Algebra   | MAT2401  | 2020 |
| B.Sc. Mathematics          | Multivariable Calculus II  | MAT2402  | 2020 |
| B.Sc. Mathematics          | Practical based on MAT2401 and MAT2402   | MAT2403  | 2020 |
| B.Sc. Computer Science     | Linear Algebra   | CSMT2301 | 2020 |
| B.Sc. Computer Science     | Numerical Analysis   | CSMT2302 | 2020 |
| B.Sc. Computer Science     | Practical based on CSMT2301 and CSMT2302   | CSMT2303 | 2020 |
| B.Sc. Computer Science     | Computational Geometry   | CSMT2401 | 2020 |
| B.Sc. Computer Science     | Operations Research  | CSMT2402 | 2020 |
| B.Sc. Computer Science     | Practical based on CSMT2401 and CSMT2402   | CSMT2403 | 2020 |
| M.Sc. Mathematics          | Combinatorics  | MAT5301  | 2020 |
| M.Sc. Mathematics          | Field Theory   | MAT5302  | 2020 |
| M.Sc. Mathematics          | Functional Analysis  | MAT5303  | 2020 |
| M.Sc. Mathematics          | Graph Theory   | MAT5304  | 2020 |



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**Cycle IV**

**2019 - 2024**

|                   |  |                |      |
|-------------------|--|----------------|------|
| M.Sc. Mathematics | Applied Mathematics I                    | MAT5305        | 2020 |
| M.Sc. Mathematics | Practical: Python                        | MAT5306        | 2020 |
| M.Sc. Mathematics | Number Theory                            | MAT5401        | 2020 |
| M.Sc. Mathematics | Differential Geometry                    | MAT5402        | 2020 |
| M.Sc. Mathematics | Fourier Analysis                         | MAT5403        | 2020 |
| M.Sc. Mathematics | Lattice Theory                           | MAT5404        | 2020 |
| M.Sc. Mathematics | Applied Mathematics II                   | MAT5405        | 2020 |
| M.Sc. Mathematics | Project                                  | MAT5406        | 2020 |
| B.Sc. Statistics  | Statistical Techniques -I                | STAT2301       | 2020 |
| B.Sc. Statistics  | Continuous probability distributions-I   | STAT2302       | 2020 |
| B.Sc. Statistics  | Practical-I                              | STAT2303       | 2020 |
| B.Sc. Statistics  | Statistical Techniques -II               | STAT2401       | 2020 |
| B.Sc. Statistics  | Continuous probability distributions-I   | STAT2402       | 2020 |
| B.Sc. Statistics  | Practical-II                             | STAT2403       | 2020 |
| M.Sc. Statistics  | Asymptotic Inference                     | STAT-5301      | 2020 |
| M.Sc. Statistics  | Design and Analysis of Experiments       | STAT-5302      | 2020 |
| M.Sc. Statistics  | Time Series Analysis                     | STAT-5303      | 2020 |
| M.Sc. Statistics  | Data Mining                              | STAT-5304(A)   | 2020 |
| M.Sc. Statistics  | Design and Analysis of Clinical Trials   | STAT-5304(B)   | 2020 |
| M.Sc. Statistics  | Reliability Theory                       | STAT-5304( C ) | 2020 |
| M.Sc. Statistics  | Practical-V                              | STAT-5305      | 2020 |
| M.Sc. Statistics  | Practical-VI                             | STAT-5306      | 2020 |
| M.Sc. Statistics  | Stochastic Processes                     | STAT-5401      | 2020 |
| M.Sc. Statistics  | Statistical Process Control              | STAT-5402      | 2020 |
| M.Sc. Statistics  | Survival Analysis                        | STAT-5403      | 2020 |
| M.Sc. Statistics  | Actuarial Statistics                     | STAT-5404(A)   | 2020 |
| M.Sc. Statistics  | Optimization Techniques                  | STAT-5404(B)   | 2020 |
| M.Sc. Statistics  | Statistical Analysis of Micro-Array Data | STAT-5404( C ) | 2020 |
| M.Sc. Statistics  | Practical-VII                            | STAT-5405      | 2020 |
| M.Sc. Statistics  | Project                                  | STAT-5406      | 2020 |
| B.Sc. Botany      | Taxonomy of Angiosperms                  | BOT 2301       | 2020 |
| B.Sc. Botany      | Plant Physiology                         | BOT 2302       | 2020 |
| B.Sc. Botany      | Practical based on BOT 2301 and BOT 2302 | BOT 2303       | 2020 |
| B.Sc. Botany      | Anatomy and Embryology                   | BOT 2401       | 2020 |
| B.Sc. Botany      | Plant Ecology                            | BOT 2402       | 2020 |
| B.Sc. Botany      | Taxonomy of Angiosperms                  | BOT 2403       | 2020 |
| M.Sc. Botany      | Angiosperms and Evolution                | BOT 5301       | 2020 |
| M.Sc. Botany      | Developmental Botany                     | BOT 5302       | 2020 |



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|---------------|---|-------------|------|
| M.Sc. Botany  | Computational Botany  | BOT 5303    | 2020 |
| M.Sc. Botany  | Advances in Plant Physiology  | BOT 5304 -A | 2020 |
| M.Sc. Botany  | Advances in Mycology and Plant Pathology                                    | BOT 5304 -B | 2020 |
| M.Sc. Botany  | Bryology  | BOT 5304 -C | 2020 |
| M.Sc. Botany  | Angiosperm and Taxonomy   | BOT 5304 -D | 2020 |
| M.Sc. Botany  | Practical's Based on BOT 5301,5302 and 5303                                 | BOT 5305    | 2020 |
| M.Sc. Botany  | Practical's based on special paper Advances in Plant Physiology             | BOT 5306 -A | 2020 |
| M.Sc. Botany  | Practical's based on special paper Advances in Mycology and Plant Pathology | BOT 5306 -B | 2020 |
| M.Sc. Botany  | Practical's based on special paper Bryology                                 | BOT 5306 -C | 2020 |
| M.Sc. Botany  | Practical's based on special paper Angiosperm and Taxonomy                  | BOT 5306 -D | 2020 |
| M.Sc. Botany  | Plant Pathology   | BOT 5401    | 2020 |
| M.Sc. Botany  | Industrial Botany   | BOT 5402    | 2020 |
| M.Sc. Botany  | Plant Biotechnology   | BOT 5403    | 2020 |
| M.Sc. Botany  | Advances in Plant Physiology  | BOT 5304 -A | 2020 |
| M.Sc. Botany  | Advances in Mycology and Plant Pathology                                    | BOT 5304 -B | 2020 |
| M.Sc. Botany  | Bryology  | BOT 5304 -C | 2020 |
| M.Sc. Botany  | Angiosperm and Taxonomy   | BOT 5304 -D | 2020 |
| M.Sc. Botany  | Practical's Based on 5401, 5402 and 5403                                    | BOT 5405    | 2020 |
| M.Sc. Botany  | Research Projects, Review of Literature and Summer Training                 | BOT 5406    | 2020 |
| B.Sc. Zoology | Animal Systematics and Diversity - III                                      | ZOO:2301    | 2020 |
| B.Sc. Zoology | Applied Zoology- I  | ZOO:2302    | 2020 |
| B.Sc. Zoology | Zoology Practical-III   | ZOO:2303    | 2020 |
| B.Sc. Zoology | Animal Systematics and Diversity – IV                                       | ZOO:2401    | 2020 |
| B.Sc. Zoology | Applied Zoology- II   | ZOO:2402    | 2020 |
| B.Sc. Zoology | Zoology Practical-IV  | ZOO:2403    | 2020 |
| M.Sc. Zoology | Entomology- I / Animal Physiology- I / Genetics- I                          | ZOO:5301    | 2020 |
| M.Sc. Zoology | Insect Physiology, Biochemistry and Ecology                                 | ZOO:5302    | 2020 |
| M.Sc. Zoology | Mammalian Reproductive Physiology and Histology & Histochemistry            | ZOO:5303    | 2020 |
| M.Sc. Zoology | Economic Zoology  | ZOO:5304    | 2020 |
| M.Sc. Zoology | Practicals Corresponding to : ZOO:5301, ZOO:5302                            | ZOO:5305    | 2020 |
| M.Sc. Zoology | Practicals Corresponding to : ZOO:5303, ZOO:5304                            | ZOO:5306    | 2020 |





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|-----------------------------|---|-----------|------|
| M.Sc. Zoology               | Entomology- II / Animal Physiology- II / Genetics- II                 | ZOO:5401  | 2020 |
| M.Sc. Zoology               | Immunology and Parasitology   | ZOO:5402  | 2020 |
| M.Sc. Zoology               | Pest Control and toxicology   | ZOO:5403  | 2020 |
| M.Sc. Zoology               | Environmental Biology and Animal Systematics & Diversity              | ZOO:5404  | 2020 |
| M.Sc. Zoology               | Practicals Corresponding to : ZOO:5401A, ZOO:5402, ZOO:5403, ZOO:5404 | ZOO:5405  | 2020 |
| M.Sc. Zoology               | Research Project  | ZOO:5406  | 2020 |
| B.Sc. Environmental Science | Natural resources   | EVS 2301  | 2020 |
| B.Sc. Environmental Science | Environmental pollution and control-I                                 | EVS 2302  | 2020 |
| B.Sc. Environmental Science | Practical based on EVS 2301 and EVS 2302                              | EVS 2303  | 2020 |
| B.Sc. Environmental Science | Solid and Hazardous waste management                                  | EVS 2401  | 2020 |
| B.Sc. Environmental Science | Environmental pollution and control-II                                | EVS 2402  | 2020 |
| B.Sc. Environmental Science | Practical based on EVS 2401 and EVS 2402                              | EVS 2403  | 2020 |
| B.Sc. Computer Science      | Data Structures using C   | CSCO 2301 | 2020 |
| B.Sc. Computer Science      | Introduction to Web Technology  | CSCO2302  | 2020 |
| B.Sc. Computer Science      | Lab Course I : Based On CSCO2301                                      | CSCO2303  | 2020 |
| B.Sc. Computer Science      | Lab Course II: based On CSCO2302                                      | CSCO2304  | 2020 |
| B.Sc. Computer Science      | Object Oriented Concepts using Java                                   | CSCO2401  | 2020 |
| B.Sc. Computer Science      | Software Engineering  | CSCO2402  | 2020 |
| B.Sc. Computer Science      | Lab Course I: Based On 2401   | CSCO2403  | 2020 |
| B.Sc. Computer Science      | Lab Course II : Based On CSCO2402 with Mini Project                   | CSCO2404  | 2020 |
| M.Sc. Computer Science      | Mobile Technologies (C)   | COMP5301  | 2020 |
| M.Sc. Computer Science      | Soft Computing (C)  | COMP5302  | 2020 |
| M.Sc. Computer Science      | Web Services (C)  | COMP5303  | 2020 |



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|------------------------|--|--------------|------|
| M.Sc. Computer Science | Software Architecture & Design Pattern (EI)            | COMP5304     | 2020 |
| M.Sc. Computer Science | Lab Course-on Mobile Technologies and Web Services (C) | COMP5305     | 2020 |
| M.Sc. Computer Science | Project (EII)  | COMP5306     | 2020 |
| M.Sc. Computer Science | Recent Trends in IT (Internet of Things) (EIII)        | COMP5307     | 2020 |
| M.Sc. Computer Science | Industrial Training/ Institutional Project (IT)        | COMP5401     | 2020 |
| B.Com.                 | Business Communication I                               | COMBC2301    | 2020 |
| B.Com.                 | Corporate Accounting I                                 | COMCA2302    | 2020 |
| B.Com.                 | Business Management I                                  | COMBM2304    | 2020 |
| B.Com.                 | Elements of Company Law I                              | COMECL2305   | 2020 |
| B.Com.                 | Marketing Management I                                 | COMMM2306A   | 2020 |
| B.Com.                 | Cost and Works Accounting I                            | COMCWA2306B  | 2020 |
| B.Com.                 | Business Communication II                              | COMBC2401    | 2020 |
| B.Com.                 | Corporate Accounting II                                | COMCA2402    | 2020 |
| B.Com.                 | Business Management II                                 | COMBM2404    | 2020 |
| B.Com.                 | Elements of Company Law II                             | COMECL2405   | 2020 |
| B.Com.                 | Marketing Management II                                | COMMM2406A   | 2020 |
| B.Com.                 | Cost and Works Accounting II                           | COMCWA2406B  | 2020 |
| M. Com.                | Business Finance                                       | COMBF5301    | 2020 |
| M. Com.                | Research Methodology for Business                      | COMRMB5302   | 2020 |
| M. Com.                | Advanced Auditing                                      | COMAA5303    | 2020 |
| M. Com.                | Specialised Areas in Auditing                          | COMAA5304    | 2020 |
| M. Com.                | Capital Market and Financial services                  | COMCMFS5401  | 2020 |
| M. Com.                | Industrial Economic Environment                        | COMIEE5402   | 2020 |
| M. Com.                | Recent Advances In Accounting Taxation and Audit       | COMRAATA5403 | 2020 |
| M. Com.                | Project Work   | COMPW5404    | 2020 |
| D.T.L.                 | General Law Affecting Taxation                         | PGDTL-101    | 2020 |
| D.T.L.                 | Income Tax   | PGDTL-102    | 2020 |
| D.T.L.                 | Integrated Goods and Services Tax                      | PGDTL-103    | 2020 |
| D.T.L.                 | Custom Act   | PGDTL-104    | 2020 |
| D.T.L.                 | Business Accounting Practices                          | PGDTL-105    | 2020 |
| B.B.A.                 | Personality Development                                | BBA 2301     | 2020 |
| B.B.A.                 | Business Ethics  | BBA 2302     | 2020 |
| B.B.A.                 | Human Resource Management & Organization Behaviors     | BBA 2303     | 2020 |



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|             |  |            |      |
|-------------|--|------------|------|
| B.B.A.      | ManagementAccounting                                 | BBA 2304   | 2020 |
| B.B.A.      | BusinessEconomic(Macro)                              | BBA 2305   | 2020 |
| B.B.A.      | I.T.inManagement                                     | BBA 2306   | 2020 |
| B.B.A.      | Production&Operations Management                     | BBA 2401   | 2020 |
| B.B.A.      | Industrial Relations &Labour laws                    | BBA 2402   | 2020 |
| B.B.A.      | BusinessTaxation                                     | BBA 2403   | 2020 |
| B.B.A.      | InternationalBusiness                                | BBA 2404   | 2020 |
| B.B.A.      | ManagementInformationSystem                          | BBA 2405   | 2020 |
| B.B.A.      | ServiceSectorManagement                              | BBA 2406   | 2020 |
| B.B.A. (CA) | Java Programming                                     | BCA2301    | 2020 |
| B.B.A. (CA) | WebTechnologies                                      | BCA2302    | 2020 |
| B.B.A. (CA) | Python Programming                                   | BCA2303    | 2020 |
| B.B.A. (CA) | Operating System                                     | BCA2304    | 2020 |
| B.B.A. (CA) | Business Statistics using R Programming              | BCA2305    | 2020 |
| B.B.A. (CA) | Computer Laboratory I (Based on BCA 2301 & BCA 2302) | BCA2306    | 2020 |
| B.B.A. (CA) | ComputerLaboratorybasedon(BCA2303,BCA 2305)          | BCA2307    | 2020 |
| B.B.A. (CA) | Advanced Java  | BCA2401    | 2020 |
| B.B.A. (CA) | AdvancedWebTechnologies                              | BCA2402    | 2020 |
| B.B.A. (CA) | Mathematical Foundation for DataScience              | BCA2403    | 2020 |
| B.B.A. (CA) | SoftwareTestingandQuality Assurance                  | BCA2404    | 2020 |
| B.B.A. (CA) | Networking   | BCA2405    | 2020 |
| B.B.A. (CA) | Computer Laboratory based on (BCA 2401and BCA 2402)  | BCA2406    | 2020 |
| B.B.A. (CA) | Computer Laboratory based on (BCA 2404 and BCA 2405) | BCA2407    | 2020 |
| B.B.A. (CA) | Project  | PR-22      | 2020 |
| B.A. Hindi  | सामान्यहिंदी   | HINGEN2301 | 2020 |
| B.A. Hindi  | काव्यशास्त्र   | HINSPL2302 | 2020 |
| B.A. Hindi  | उपन्यास, नाटक तथा मध्ययुगीन काव्य                    | HINSPL2303 | 2020 |
| B.A. Hindi  | सामान्यहिंदी   | HINGEN2401 | 2020 |
| B.A. Hindi  | काव्यशास्त्र   | HINSPL2402 | 2020 |
| B.A. Hindi  | उपन्यास, नाटक तथा मध्ययुगीन काव्य                    | HINSPL2403 | 2020 |
| M.A. Hindi  | आधुनिककाव्य 1  | HIN5301    | 2020 |
| M.A. Hindi  | भाषाविज्ञान  | HIN5302    | 2020 |
| M.A. Hindi  | हिंदीसाहित्य का इतिहास                               | HIN5303    | 2020 |





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|----------------|-------------------------------------|------------|------|
| M.A. Hindi     | वैकल्पिकआधुनिक हिंदी आलोचना:        | HIN5304    | 2020 |
| M.A. Hindi     | आधुनिककाव्य 2                       | HIN5401    | 2020 |
| M.A. Hindi     | हिंदी भाषाका ऐतिहासिक विकास         | HIN5402    | 2020 |
| M.A. Hindi     | हिंदीसाहित्य का इतिहास (आधुनिक काल) | HIN5403    | 2020 |
| M.A. Hindi     | वैकल्पिकलोकसाहित्य:                 | HIN5404    | 2020 |
| B.A. Economics | Banking & Finance                   | ECOGEN2301 | 2020 |
| B.A. Economics | Coperation                          | ECOGEN2401 | 2020 |
| B.A. Economics | Micro Economics I                   | ECOSPL2302 | 2020 |
| B.A. Economics | Micro Economics II                  | ECOSPL2402 | 2020 |
| B.A. Economics | Macro Economics I                   | ECOSPL2303 | 2020 |
| B.A. Economics | Macro Economics II                  | ECOSPL2403 | 2020 |
| B.A. Economics | Business Economics Macro I          | COMBE2303  | 2020 |
| B.A. Economics | Business Economics Macro II         | COMBE2403  | 2020 |
| B.A. Economics | Banking and Finance I               | COMBF2306C | 2020 |
| B.A. Economics | Banking and Finance II              | COMBF2406C | 2020 |
| M.A. Economics | Macro Economics I                   | ECO5301    | 2020 |
| M.A. Economics | Growth and Development I            | ECO5302    | 2020 |
| M.A. Economics | Agribusiness Economics I            | ECO5303    | 2020 |
| M.A. Economics | Research Methodology                | ECO5304    | 2020 |
| M.A. Economics | Macro Economics II                  | ECO5401    | 2020 |
| M.A. Economics | Growth and Development II           | ECO5402    | 2020 |
| M.A. Economics | Agribusiness Economics II           | ECO5403    | 2020 |
| M.A. Economics | Modern Banking                      | ECO5404    | 2020 |
| B.A. Politics  | Political Theory And Concept G-Ii   | POL 2301   | 2020 |
| B.A. Politics  | Western Political Thought S-I       | POL 2302   | 2020 |
| B.A. Politics  | Political Sociology S-Ii            | POL 2303   | 2020 |
| B.A. Politics  | Political Theory And Concept G-Ii   | POL 2401   | 2020 |
| B.A. Politics  | Western Political Thought S-I       | POL 2402   | 2020 |
| B.A. Politics  | Political Sociology S-Ii            | POL 2403   | 2020 |
| M.A. Politics  | Political Thinking In Modern India  | POI 5301   | 2020 |
| M.A. Politics  | Political Sociology                 | POI 5302   | 2020 |
| M.A. Politics  | Theory Of International Relations   | POI 5303   | 2020 |
| M.A. Politics  | Indian Administration               | POI 5304   | 2020 |
| M.A. Politics  | Political Thinking In Modern India  | POI 5401   | 2020 |
| M.A. Politics  | Political Sociology                 | POI 5402   | 2020 |
| M.A. Politics  | Theory Of International Relations   | POI 5403   | 2020 |
| M.A. Politics  | Indian Administration               | POI 5404   | 2020 |



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|----------------|--|--------------|------|
| B.A. History   | History of Modern India Part I                         | HIS GEN 2301 | 2020 |
| B.A. History   | Ancient India- Part I                                  | HIS SPL 2302 | 2020 |
| B.A. History   | Medieval India- Part I                                 | HIS SPL 2303 | 2020 |
| B.A. History   | History of Modern India Part II                        | HIS GEN 2401 | 2020 |
| B.A. History   | Ancient India- Part II                                 | HIS SPL 2402 | 2020 |
| B.A. History   | Medieval India- Part II                                | HIS SPL 2403 | 2020 |
| M.A. History   | Ancient and Medieval Civilization of the World         | HIS 5301     | 2020 |
| M.A. History   | Debates in Indian History                              | HIS 5302     | 2020 |
| M.A. History   | Economic History of Modern India                       | HIS 5303     | 2020 |
| M.A. History   | History of Maharashtra in the 19 <sup>th</sup> Century | HIS 5304     | 2020 |
| M.A. History   | History of Modern India 1857 - 1971                    | HIS 5401     | 2020 |
| M.A. History   | Intellectual History of Modern West                    | HIS 5402     | 2020 |
| M.A. History   | World After World War II 1945 - 2000                   | HIS 5403     | 2020 |
| M.A. History   | History of Maharashtra in the 20 <sup>th</sup> Century | HIS 5404     | 2020 |
| B.A. Geography | Environment of Geography-I                             | GEO 2301     | 2020 |
| B.A. Geography | Physical Geography Maharashtra                         | GEO 2302     | 2020 |
| B.A. Geography | Cartographic Techniques in Geography                   | GEO 2303     | 2020 |
| B.A. Geography | Environment of Geography-II                            | GEO 2401     | 2020 |
| B.A. Geography | Human Geography Maharashtra                            | GEO 2402     | 2020 |
| B.A. Geography | Cartographic Techniques in Geography                   | GEO 2403     | 2020 |
| B.A. Geography | Project-1  | PR-1         | 2020 |
| M.A. Geography | Geoinformatics-II                                      | GEO 5311     | 2020 |
| M.A. Geography | Geographical Thoughts                                  | GEO 5312     | 2020 |
| M.A. Geography | Tropical Geomorphology                                 | GEO 5301     | 2020 |
| M.A. Geography | Urban Geography  | GEO 5304     | 2020 |
| M.A. Geography | Practical in Geoinformatics                            | GEO 5313     | 2020 |
| M.A. Geography | Watershed Management                                   | GEO 5314     | 2020 |
| M.A. Geography | Practical in Geomorphology                             | GEO 5302     | 2020 |
| M.A. Geography | Practical in Population and Settlement Geography       | GEO 5305     | 2020 |
| M.A. Geography | Geography of India                                     | GEO 5401     | 2020 |
| M.A. Geography | Oceanography   | GEO 5402     | 2020 |
| M.A. Geography | Research Methodology                                   | GEO 5403     | 2020 |
| M.A. Geography | Geography of Soils                                     | GEO 5404     | 2020 |
| M.A. Geography | Interpretation of Topographic Maps                     | GEO 5405     | 2020 |
| M.A. Geography | Research Project / Dissertation                        | GEO 5406     | 2020 |
| B.A. Sociology | Population and Society                                 | SOCGEN2301   | 2020 |



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**Cycle IV**

**2019 - 2024**

|                      |  |             |      |
|----------------------|--|-------------|------|
| B.A. Sociology       | Foundations of Sociological Thought        | SOCSPL2302  | 2020 |
| B.A. Sociology       | Indian Society: Issues and Problems        | SOCSPL2303  | 2020 |
| B.A. Sociology       | Population and Society                     | SOCGEN2401  | 2020 |
| B.A. Sociology       | Foundations of Sociological Thought        | SOCSPL2402  | 2020 |
| B.A. Sociology       | Indian Society: Issues and Problems        | SOCSPL2403  | 2020 |
| B.A. Defence Studies | Military Geography- I                      | DEF-2301(A) | 2020 |
| B.A. Defence Studies | Geopolitics-I                              | DEF-2301(B) | 2020 |
| B.A. Defence Studies | Chatrapati Shivajis Military System-I      | DEF-2302    | 2020 |
| B.A. Defence Studies | Indias Internal Security-I                 | DEF-2303    | 2020 |
| B.A. Defence Studies | Military Geography- II                     | DEF-2401(A) | 2020 |
| B.A. Defence Studies | Geopolitics-II                             | DEF-2401(B) | 2020 |
| B.A. Defence Studies | Chatrapati Shivajis Military System-II     | DEF-2402    | 2020 |
| B.A. Defence Studies | Indias Internal Security-II                | DEF-2403    | 2020 |
| B.A. Philosophy      | Philosophy of Indian Saints                | PHIL2301    | 2020 |
| B.A. Philosophy      | Philosophy of Indian Saints                | PHIL2401    | 2020 |
| B.A. Philosophy      | Indian & Western Philosophy                | PHIL2302    | 2020 |
| B.A. Philosophy      | Indian & Western Philosophy                | PHIL2402    | 2020 |
| B.A. Philosophy      | Jain Philosophy                            | PHIL2303    | 2020 |
| B.A. Philosophy      | Jain Philosophy                            | PHIL2403    | 2020 |
| B.A. Philosophy      | Project                                    | PR-1        | 2020 |
| B.A. Sociology       | Formal Logic                               | LOG2301     | 2020 |
| B.A. Sociology       | Formal Logic                               | LOG2401     | 2020 |
| B.A. Marathi         | Sanskrit Parichaya - 1                     | SANGEN2301  | 2020 |
| B.A. Marathi         | Sanskrit Parichaya - 2                     | SANGEN2401  | 2020 |
| B.A. Marathi         | आधुनिकमराठीसाहित्यआणिउपयोजितमराठी          | MARGEN2301  | 2020 |
| B.A. Marathi         | मराठीसाहित्यातीलविविधसाहित्यप्रवाह         | MARSPL2302  | 2020 |
| B.A. Marathi         | अर्वाचीनमराठीवाङ्मयाचाइतिहास (१८१८ते१९२०)  | MARSPL2303  | 2020 |
| B.A. Marathi         | आधुनिकमराठीसाहित्यआणिउपयोजितमराठी          | MARGEN2401  | 2020 |
| B.A. Marathi         | मराठीसाहित्यातीलविविधसाहित्यप्रवाह         | MARSPL2402  | 2020 |
| B.A. Marathi         | अर्वाचीनमराठीवाङ्मयाचाइतिहास (1920ते 1960) | MARSPL2403  | 2020 |
| B.A. Marathi         | मराठीविज्ञानसाहित्यआणिव्यावहारिकमराठी      | MAR2301 (A) | 2020 |





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|------------------------|---|--------------|------|
| B.A. Marathi           | मराठीविज्ञानसाहित्यआणिव्यावहारिकमराठी           | MAR2401 (A)  | 2020 |
| M.A. Marathi           | प्रसारमाध्यमेआणि साहित्य व्यवहार                | MAR5301      | 2020 |
| M.A. Marathi           | साहित्यसंशोधन                                   | MAR5302      | 2020 |
| M.A. Marathi           | विशेषलेखकाचा अभ्यास –मध्ययुगीन                  | MAR5303      | 2020 |
| M.A. Marathi           | वैचारिक साहित्य                                 | MAR5304      | 2020 |
| M.A. Marathi           | प्रसारमाध्यमेआणि साहित्य व्यवहार                | MAR5401      | 2020 |
| M.A. Marathi           | साहित्यसंशोधन                                   | MAR5402      | 2020 |
| M.A. Marathi           | विशेषलेखकाचा अभ्यास –मध्ययुगीन                  | MAR5403      | 2020 |
| M.A. Marathi           | साहित्याचासामाजिक दृष्टीनेअभ्यास                | MAR5404      | 2020 |
| B.A. Psychology        | Social Psychology-I                             | PSY GEN 2301 | 2020 |
| B.A. Psychology        | Abnormal Psychology-I                           | PSY SPL 2302 | 2020 |
| B.A. Psychology        | Growth and Development Psychology-I             | PSY SPL 2303 | 2020 |
| B.A. Psychology        | Yog Vidya-I                                     | YOG 1301     | 2020 |
| B.A. Psychology        | Social Psychology-II                            | PSY GEN 2401 | 2020 |
| B.A. Psychology        | Abnormal Psychology-II                          | PSY SPL 2402 | 2020 |
| B.A. Psychology        | Growth and Development Psychology-II            | PSY SPL 2403 | 2020 |
| B.A. Psychology        | Yog Vidya-II                                    | YOG 1401     | 2020 |
| M.A. Psychology        | Personality                                     | PSY 5301     | 2020 |
| M.A. Psychology        | Psychopathology-I                               | PSY 5302     | 2020 |
| M.A. Psychology        | Psycho-diagnostics Procedure and Techniques     | PSY 5303     | 2020 |
| M.A. Psychology        | Project   | PSY 5304     | 2020 |
| M.A. Psychology        | Motivation and Emotion                          | PSY 5401     | 2020 |
| M.A. Psychology        | Psychopathology-II                              | PSY 5402     | 2020 |
| M.A. Psychology        | Psychotherapies                                 | PSY 5403     | 2020 |
| M.A. Psychology        | Practicum                                       | PSY 5404     | 2020 |
| B.A. English           | Compulsory English                              | ENGCO2301    | 2020 |
| B.A. English           | Study of English Language and Literature (G-II) | ENGGE2302    | 2020 |
| B.A. English           | Appreciating Drama (S-I)                        | ENGSP2301    | 2020 |
| B.A. English           | Appreciating Poetry (S-II)                      | ENGSP2304    | 2020 |
| B.Sc. Computer Science | Technical English                               | ENG2301      | 2020 |
| B.Sc.                  | Optional English                                | ENG2301 (B)  | 2020 |
| B.Sc.                  | Compulsory English                              | ENGCO2401    | 2020 |
| B.Sc.                  | Study of English Language and Literature (G-II) | ENGGE2402    | 2020 |
| B.Sc.                  | Appreciating Drama (S-I)                        | ENGSP2401    | 2020 |
| B.Sc.                  | Appreciating Poetry (S-II)                      | ENGSP2304    | 2020 |
| B.Sc. Computer         | Technical English                               | ENG2401      | 2020 |



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**Cycle IV**

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| Science  |   |             |      |
|--|---|-------------|------|
| B.Sc.  | Optional English                                    | ENG2401 (B) | 2020 |
| M.A. English                                     | Indian Writing in English                           | ENG5101     | 2020 |
| M.A. English                                     | English Language and Literature Teaching - I        | ENG5102     | 2020 |
| M.A. English                                     | Drama in English - I                                | ENG5103     | 2020 |
| M.A. English                                     | American Literature - I                             | ENG5104     | 2020 |
| M.A. English                                     | Indian Writing in English                           | ENG5201     | 2020 |
| M.A. English                                     | English Language and Literature Teaching - I        | ENG5202     | 2020 |
| M.A. English                                     | Drama in English - I                                | ENG5203     | 2020 |
| M.A. English                                     | American Literature - I                             | ENG5204     | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Processing of Fruits, Vegetables & Plantation Crops | FP-7        | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Food Analytical Techniques                          | FP-8        | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Food Chemistry-I                                    | FP-9        | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Processing of Fruits, Vegetables & Plantation crops | FP-3.1      | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Food Analytical Techniques                          | FP-3.2      | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Fundamentals in Bio-Statistics                      | FP-3.3      | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Processing of Cereal, Pulses and Oilseeds           | FP-10       | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Bakery and Confectionery Technology                 | FP-11       | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Food Chemistry-II                                   | FP-12       | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Processing of Cereal, Pulses and Oilseeds           | FP-4.1      | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Bakery and Confectionary Technology                 | FP-4.2      | 2020 |
| B.Voc. Food Processing & Post Harvest Technology | Food Chemistry -II                                  | FP-4.3      | 2020 |



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|   |   |          |      |
|---|---|----------|------|
| M.Voc. Food Processing Technology       | Elective-1: Dairy Processing Technology | FPT- 301 | 2020 |
| M.Voc. Food Processing Technology       | Elective-2: Meat Processing Technology  |          | 2020 |
| M.Voc. Food Processing Technology       | Post-Harvest Technology                 | FPT- 302 | 2020 |
| M.Voc. Food Processing Technology       | Food Safety and Quality Management      | FPT-303  | 2020 |
| M.Voc. Food Processing Technology       | Dairy Processing Technology             | FPT- 3.1 | 2020 |
| M.Voc. Food Processing Technology       | Post-Harvest Technology                 | FPT- 3.2 | 2020 |
| M.Voc. Food Processing Technology       | Statistics and Research Methodology     | FPT- 3.3 | 2020 |
| M.Voc. Food Processing Technology       | Industrial training/Dissertation part-I | FPT- 3.4 | 2020 |
| M.Voc. Food Processing Technology       | Seminar based on case study             | FPT- 4.1 | 2020 |
| M.Voc. Food Processing Technology       | Industrial Visit                        | FPT- 4.2 | 2020 |
| M.Voc. Food Processing Technology       | Industrial training/Dissertation Part-2 | FPT- 4.3 | 2020 |
| B. Voc. Journalism & Mass Communication | News Reporting and Editing-II           | JM 301   | 2020 |
| B. Voc. Journalism & Mass Communication | Writing for Media-II                    | JM 302   | 2020 |
| B. Voc. Journalism & Mass Communication | Introduction to Radio                   | JM 303   | 2020 |
| B. Voc. Journalism & Mass Communication | Editing Skills                          | JM 304   | 2020 |
| B. Voc. Journalism & Mass Communication | Radio Production                        | JM 305   | 2020 |
| B. Voc. Journalism & Mass Communication | Experimental Journal                    | JM 306   | 2020 |
| B. Voc. Journalism & Mass Communication | Introduction to Television              | JM 401   | 2020 |
| B. Voc. Journalism & Mass Communication | India After Independence                | JM 402   | 2020 |





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|---|--------------------------------------|-----------|------|
| Mass Communication                      |                                      |           |      |
| B. Voc. Journalism & Mass Communication | Introductions to Economics           | JM 403    | 2020 |
| B. Voc. Journalism & Mass Communication | Television Production                | JM 404    | 2020 |
| B. Voc. Journalism & Mass Communication | Film Appreciation                    | JM 405    | 2020 |
| B. Voc. Journalism & Mass Communication | Basics of Video production           | JM 406    | 2020 |
| M.Voc. Media Studies                    | Script Writing and Direction         | MS 301A   | 2020 |
| M.Voc. Media Studies                    | Sound and Post-production            | MS 302A   | 2020 |
| M.Voc. Media Studies                    | Film Appreciation                    | MS 303A   | 2020 |
| M.Voc. Media Studies                    | Group Project                        | MS 304A   | 2020 |
| M.Voc. Media Studies                    | Video Editing                        | MS 305A   | 2020 |
| M.Voc. Media Studies                    | Lighting Techniques                  | MS 306A   | 2020 |
| M.Voc. Media Studies                    | Digital Journalism                   | MS 301B   | 2020 |
| M.Voc. Media Studies                    | Social Media Marketing               | MS 302B   | 2020 |
| M.Voc. Media Studies                    | Advertising                          | MS 303B   | 2020 |
| M.Voc. Media Studies                    | Group Project                        | MS 304B   | 2020 |
| M.Voc. Media Studies                    | Broadcast journalism                 | MS 305B   | 2020 |
| M.Voc. Media Studies                    | Digital Content Development          | MS 306B   | 2020 |
| M.Voc. Media Studies                    | Industrial Internship-               | MS 404A   | 2020 |
| M.Voc. Media Studies                    | Study Visits and Report-             | MS 405A   | 2020 |
| M.Voc. Media Studies                    | Video Production Project-            | MS 406A   | 2020 |
| M.Voc. Media Studies                    | Industrial Internship-               | MS 404B   | 2020 |
| M.Voc. Media Studies                    | Study Visits and Report-             | MS 405B   | 2020 |
| M.Voc. Media Studies                    | Research Project/In-depth Reporting- | MS 406B   | 2020 |
| B.Voc. Dairy Technology                 | Dairy Processing Equipment           | BDT - 301 | 2020 |
| B.Voc. Dairy Technology                 | Fermented Milk Products              | BDT - 302 | 2020 |
| B.Voc. Dairy Technology                 | Nutrition Science                    | BDT - 303 | 2020 |
| B.Voc. Dairy Technology                 | Dairy Processing Equipment           | BDT - 3.1 | 2020 |
| B.Voc. Dairy Technology                 | Fermented Milk Products              | BDT - 3.2 | 2020 |
| B.Voc. Dairy Technology                 | Nutrition Science                    | BDT - 3.3 | 2020 |
| B.Voc. Dairy Technology                 | Dairy Engineering                    | BDT - 401 | 2020 |
| B.Voc. Dairy Technology                 | Traditional Indian Dairy Products    | BDT - 402 | 2020 |
| B.Voc. Dairy                            | Food Safety, Hygiene and Sanitation  | BDT - 403 | 2020 |



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**2019 - 2024**

|                          |   |           |      |
|--------------------------|---|-----------|------|
| Technology               |   |           |      |
| B.Voc. Dairy Technology  | Dairy Engineering                               | BDT – 4.1 | 2020 |
| B.Voc. Dairy Technology  | Traditional Indian Dairy Products               | BDT – 4.2 | 2020 |
| B.Voc. Dairy Technology  | Food Safety, Hygiene and Sanitation             | BDT – 4.3 | 2020 |
| B.Voc. Retail Management | Business Accounting                             | RM 1301   | 2020 |
| B.Voc. Retail Management | Personality Development & Team Building         | RM 1302   | 2020 |
| B.Voc. Retail Management | Principles of Marketing                         | RM 1303   | 2020 |
| B.Voc. Retail Management | Internship                                      | RM 1304   | 2020 |
| B.Voc. Retail Management | Retail Store Operation - I                      | RM 1305   | 2020 |
| B.Voc. Retail Management | Store Layout & Design                           | RM 1306   | 2020 |
| B.Voc. Retail Management | Principles of Finance                           | RM 1401   | 2020 |
| B.Voc. Retail Management | Basics of Cost Accounting                       | RM 1402   | 2020 |
| B.Voc. Retail Management | Negotiation Skills                              | RM 1403   | 2020 |
| B.Voc. Retail Management | Internship                                      | RM 1404   | 2020 |
| B.Voc. Retail Management | Retail Store Operation-II                       | RM 1405   | 2020 |
| B.Voc. Retail Management | Store Layout & Design                           | RM 1406   | 2020 |
| BSc. Microbiology        | Introduction to Microbiology                    | MICRO1101 | 2019 |
| BSc. Microbiology        | Basic Techniques In Microbiology                | MICRO1102 | 2019 |
| BSc. Microbiology        | Practical's based on theory                     | MICRO1103 | 2019 |
| BSc. Microbiology        | Introduction to Microbiology                    | MICRO1201 | 2019 |
| BSc. Microbiology        | Basic Techniques In Microbiology                | MICRO1202 | 2019 |
| BSc. Microbiology        | Practical's based on theory                     | MICRO1203 | 2019 |
| M.Sc. Microbiology       | Microbial Systematics and Diversity             | MICRO4101 | 2019 |
| M.Sc. Microbiology       | Quantitative Biology                            | MICRO4102 | 2019 |
| M.Sc. Microbiology       | Biochemistry                                    | MICRO4103 | 2019 |
| M.Sc. Microbiology       | Cell Biology                                    | MICRO4104 | 2019 |
| M.Sc. Microbiology       | Practical Course: Microbial Systematics         | MICRO4105 | 2019 |
| M.Sc. Microbiology       | Practical Course: Cell biology and Biochemistry | MICRO4106 | 2019 |
| M.Sc. Microbiology       | Virology  | MICRO4201 | 2019 |



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|------------------------|--|-----------|------|
| M.Sc. Microbiology     | Instrumentation  | MICRO4202 | 2019 |
| M.Sc. Microbiology     | Metabolism   | MICRO4203 | 2019 |
| M.Sc. Microbiology     | Evolution and Ecology                                    | MICRO4204 | 2019 |
| M.Sc. Microbiology     | Practical Course: Biophysics & Virology                  | MICRO4205 | 2019 |
| M.Sc. Microbiology     | Practical Course: Enzymology & Microbial metabolism      | MICRO4206 | 2019 |
| B. Sc. Electronics     | Basic Circuit Elements and Theorems                      | ELE1101   | 2019 |
| B. Sc. Electronics     | Logic Gates and Arithmetic Circuits                      | ELE1102   | 2019 |
| B. Sc. Electronics     | Semiconductor Devices                                    | ELE1201   | 2019 |
| B. Sc. Electronics     | Digital Circuits And IC Technology                       | ELE1202   | 2019 |
| B. Sc. Electronics     | Practical  | ELE1203   | 2019 |
| B.Sc. Computer Science | Circuit Theory and network Analysis                      | CSEL1101  | 2019 |
| B.Sc. Computer Science | Fundamentals of Digital Electronics                      | CSEL1102  | 2019 |
| B.Sc. Computer Science | Practical  | CSEL1103  | 2019 |
| B.Sc. Computer Science | Semiconductor Devices and Memories                       | CSEL1201  | 2019 |
| B.Sc. Computer Science | Sequential Circuits Design                               | CSEL1202  | 2019 |
| B.Sc. Computer Science | Practical  | CSEL1203  | 2019 |
| M.Sc. Electronics      | Mathematical Methods in Electronics and Network Analysis | ELE4101   | 2019 |
| M.Sc. Electronics      | Integrated Circuit Analysis                              | ELE4102   | 2019 |
| M.Sc. Electronics      | Digital System Design                                    | ELE4103   | 2019 |
| M.Sc. Electronics      | Advanced 'C' Programming                                 | ELE4104   | 2019 |
| M.Sc. Electronics      | Practical Course -I                                      | ELE4105   | 2019 |
| M.Sc. Electronics      | Practical Course -I                                      | ELE4106   | 2019 |
| M.Sc. Electronics      | PLE  | ELE4107   | 2019 |
| M.Sc. Electronics      | Applied Electromagnetics, Microwaves and Antennas        | ELE4201   | 2019 |
| M.Sc. Electronics      | Instrumentation and Measurement techniques               | ELE4202   | 2019 |
| M.Sc. Electronics      | Advanced Embedded System Design                          | ELE4203   | 2019 |
| M.Sc. Electronics      | Foundation of Semiconductor Devices                      | ELE4201   | 2019 |
| M.Sc. Electronics      | Practical Course -I                                      | ELE4205   | 2019 |
| M.Sc. Electronics      | Practical Course -I                                      | ELE4206   | 2019 |
| M.Sc. Electronics      | PLE  | ELE4207   | 2019 |
| B. Sc. Physics         | Mechanics & Properties of Matter                         | PHY1101   | 2019 |
| B. Sc. Physics         | Electromagnetics   | PHY1102   | 2019 |





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|------------------------|---|----------|------|
| B. Sc. Physics         | Practical-I   | PHY1103  | 2019 |
| B. Sc. Physics         | Heat and Thermodynamics                                     | PHY1201  | 2019 |
| B. Sc. Physics         | Physics Principles and Applications                         | PHY1202  | 2019 |
| B. Sc. Physics         | Practical-II  | PHY1203  | 2019 |
| M.Sc. Physics          | Mathematical Methods in Physics                             | PHY4101  | 2019 |
| M.Sc. Physics          | Classical Mechanics   | PHY4102  | 2019 |
| M.Sc. Physics          | Quantum Mechanics-I   | PHY4103  | 2019 |
| M.Sc. Physics          | Electronics   | PHY4104  | 2019 |
| M.Sc. Physics          | Electronics Laboratory-I                                    | PHY4105  | 2019 |
| M.Sc. Physics          | Basic Physics Laboratory-I                                  | PHY4106  | 2019 |
| M.Sc. Physics          | Physics of Semiconductor Devices                            | PHY4201  | 2019 |
| M.Sc. Physics          | Atoms, Molecules & Laser                                    | PHY4202  | 2019 |
| M.Sc. Physics          | Quantum Mechanics-II  | PHY4203  | 2019 |
| M.Sc. Physics          | Electrodynamics   | PHY4204  | 2019 |
| M.Sc. Physics          | Electronics Laboratory-II                                   | PHY4205  | 2019 |
| M.Sc. Physics          | Basic Physics Laboratory-II                                 | PHY4206  | 2019 |
| M.Sc. Chemistry        | Fundamentals of physical chemistry I                        | CHP4101  | 2019 |
| M.Sc. Chemistry        | Molecular symmetry and chemistry of P block elements        | CHI4102  | 2019 |
| M.Sc. Chemistry        | Basic organic chemistry                                     | CHO4103  | 2019 |
| M.Sc. Chemistry        | Safety in chemical laboratory and good laboratory practices | CHA4104  | 2019 |
| M.Sc. Chemistry        | Physical chemistry Practical                                | CHP4105  | 2019 |
| M.Sc. Chemistry        | Organic chemistry practical                                 | CHO4106  | 2019 |
| M.Sc. Chemistry        | Fundamentals of physical chemistry II                       | CHP4201  | 2019 |
| M.Sc. Chemistry        | Coordination and bioinorganic chemistry                     | CHI4202  | 2019 |
| M.Sc. Chemistry        | Synthetic organic chemistry and spectroscopy                | CHO4203  | 2019 |
| M.Sc. Chemistry        | General chemistry   | CHA4204  | 2019 |
| M.Sc. Chemistry        | Inorganic chemistry practical                               | CHI4205  | 2019 |
| M.Sc. Chemistry        | Analytical chemistry practical                              | CHA4206  | 2019 |
| B.Sc. Mathematics      | Algebra   | MAT1101  | 2019 |
| B.Sc. Mathematics      | Calculus-I  | MAT1102  | 2019 |
| B.Sc. Mathematics      | Practical based on MAT1101 and MAT1102                      | MAT1103  | 2019 |
| B.Sc. Mathematics      | Geometry  | MAT1201  | 2019 |
| B.Sc. Mathematics      | Calculus-II   | MAT1202  | 2019 |
| B.Sc. Mathematics      | Practical based on MAT1201 and MAT1202                      | MAT1203  | 2019 |
| B.Sc. Computer Science | Graph Theory  | CSMT1101 | 2019 |
| B.Sc. Computer         | Algebra   | CSMT1102 | 2019 |



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**Cycle IV**

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|                        |   |            |      |
|------------------------|---|------------|------|
| Science                |   |            |      |
| B.Sc. Computer Science | Practical based on CSMT1101 and CSMT1102                | CSMT1103   | 2019 |
| B.Sc. Computer Science | Discrete Mathematics                                    | CSMT1201   | 2019 |
| B.Sc. Computer Science | Calculus  | CSMT1202   | 2019 |
| B.Sc. Computer Science | Practical based on CSMT1201 and CSMT1202                | CSMT1203   | 2019 |
| M.Sc. Mathematics      | Real Analysis   | MAT4101    | 2019 |
| M.Sc. Mathematics      | Advanced Calculus                                       | MAT4102    | 2019 |
| M.Sc. Mathematics      | Group Theory  | MAT4103    | 2019 |
| M.Sc. Mathematics      | Numerical Analysis                                      | MAT4104    | 2019 |
| M.Sc. Mathematics      | Ordinary Differential Equations                         | MAT4105    | 2019 |
| M.Sc. Mathematics      | Practical: Programming in C                             | MAT4106    | 2019 |
| M.Sc. Mathematics      | Complex Analysis  | MAT4201    | 2019 |
| M.Sc. Mathematics      | Topology  | MAT4202    | 2019 |
| M.Sc. Mathematics      | Rings and Modules                                       | MAT4203    | 2019 |
| M.Sc. Mathematics      | Linear Algebra  | MAT4204    | 2019 |
| M.Sc. Mathematics      | Partial Differential Equations                          | MAT4205    | 2019 |
| M.Sc. Mathematics      | Practical: Programming in C++                           | MAT4206    | 2019 |
| B.Sc. Statistics       | Descriptive Statistics-I                                | STAT1101   | 2019 |
| B.Sc. Statistics       | Discrete Probability and Probability Distributions-I    | STAT1102   | 2019 |
| B.Sc. Statistics       | Practical -I  | STAT1103   | 2019 |
| B.Sc. Statistics       | Descriptive Statistics-II                               | STAT1201   | 2019 |
| B.Sc. Statistics       | Discrete Probability and Probability Distributions-II   | STAT1202   | 2019 |
| B.Sc. Statistics       | Practical -II   | STAT1203   | 2019 |
| B.Sc. Computer Science | Statistical Methods-I                                   | CSST-1101  | 2019 |
| B.Sc. Computer Science | Probability and some discrete probability distributions | CSST-1102  | 2019 |
| B.Sc. Computer Science | Practical-I   | CSST-1103  | 2019 |
| B.Sc. Computer Science | Statistical Methods-II                                  | CSST-1201  | 2019 |
| B.Sc. Computer Science | Statistical Testing of Hypothesis and Use of R-Software | CSST-1202  | 2019 |
| B.Sc. Computer Science | Practical-II  | CSST-1203  | 2019 |
| B. Com.                | Business Statistics – I                                 | COMBS1104A | 2019 |



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|                  |   |            |      |
|------------------|---|------------|------|
| B. Com.          | Business Statistics – II                    | COMBS1204A | 2019 |
| B.B.A.(C.A.)     | Elements of Statistics                      | 1204       | 2019 |
| M.Sc. Statistics | Mathematical Analysis                       | STAT-4101  | 2019 |
| M.Sc. Statistics | Linear Algebra                              | STAT-4102  | 2019 |
| M.Sc. Statistics | Probability Distributions                   | STAT-4103  | 2019 |
| M.Sc. Statistics | Sampling Theory                             | STAT-4104  | 2019 |
| M.Sc. Statistics | Practical-I                                 | STAT-4105  | 2019 |
| M.Sc. Statistics | Practical-II                                | STAT-4106  | 2019 |
| M.Sc. Statistics | Probability Theory                          | STAT-4201  | 2019 |
| M.Sc. Statistics | Parametric Inference                        | STAT-4202  | 2019 |
| M.Sc. Statistics | Multivariate Analysis                       | STAT-4203  | 2019 |
| M.Sc. Statistics | Regression Analysis                         | STAT-4204  | 2019 |
| M.Sc. Statistics | Practical-III                               | STAT-4205  | 2019 |
| M.Sc. Statistics | Practical-IV                                | STAT-4206  | 2019 |
| B.Sc. Botany     | Plant Diversity                             | BOT 1101   | 2019 |
| B.Sc. Botany     | Applications of Botany - I                  | BOT 1102   | 2019 |
| B.Sc. Botany     | Practical based on BOT 1101 and BOT 1102    | BOT 1103   | 2019 |
| B.Sc. Botany     | Angiosperm Morphology                       | BOT 1201   | 2019 |
| B.Sc. Botany     | Applications of Botany - II                 | BOT 1202   | 2019 |
| B.Sc. Botany     | Practical based on BOT 1201 and BOT 1202    | BOT 1203   | 2019 |
| M.Sc. Botany     | Plant Systematics I                         | BOT4101    | 2019 |
| M.Sc. Botany     | Cell Biology                                | BOT4102    | 2019 |
| M.Sc. Botany     | Genetics and plant Breeding                 | BOT4103    | 2019 |
| M.Sc. Botany     | Advanced Botanical techniques               | BOT4104    | 2019 |
| M.Sc. Botany     | Practicals based on BOT. 4101 and BOT. 4102 | BOT4105    | 2019 |
| M.Sc. Botany     | Practicals based on BOT. 4103 and BOT. 4104 | BOT4106    | 2019 |
| M.Sc. Botany     | Plant Systematics II                        | BOT4201    | 2019 |
| M.Sc. Botany     | Plant Physiology and Biochemistry           | BOT4202    | 2019 |
| M.Sc. Botany     | Molecular Biology and Genetic Engineering   | BOT4203    | 2019 |
| M.Sc. Botany     | Plant Ecology and Biodiversity              | BOT4204    | 2019 |
| M.Sc. Botany     | Practical on BOT 4201 and BOT4202           | BOT4205    | 2019 |
| M.Sc. Botany     | Practical on BOT 4203 and BOT 4204          | BOT4206    | 2019 |
| B.Sc. Zoology    | Animal Systematics and Diversity - I        | ZOO: 1101  | 2019 |
| B.Sc. Zoology    | Fundamentals of Cell Biology                | ZOO: 1102  | 2019 |
| B.Sc. Zoology    | Zoology Practical-I                         | ZOO: 1103  | 2019 |
| B.Sc. Zoology    | Animal Systematics and Diversity - II       | ZOO: 1201  | 2019 |
| B.Sc. Zoology    | Genetics                                    | ZOO: 1202  | 2019 |





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|-----------------------------|--|-----------|------|
| B.Sc. Zoology               | Zoology Practical-II   | ZOO: 1203 | 2019 |
| M.Sc. Zoology               | Biochemistry and Bioenergetics                                 | ZOO: 4101 | 2019 |
| M.Sc. Zoology               | Cell Biology and Genetics                                      | ZOO: 4102 | 2019 |
| M.Sc. Zoology               | Fresh Water Zoology and Ichthyology                            | ZOO: 4103 | 2019 |
| M.Sc. Zoology               | Skills in Scientific Communication & Writing and Biostatistics | ZOO: 4104 | 2019 |
| M.Sc. Zoology               | Practicals Corresponding to: ZOO:4101 and ZOO:4102             | ZOO: 4105 | 2019 |
| M.Sc. Zoology               | Practicals Corresponding to: ZOO:4103 and ZOO:4104             | ZOO: 4106 | 2019 |
| M.Sc. Zoology               | Molecular Biology  | ZOO: 4201 | 2019 |
| M.Sc. Zoology               | Developmental Biology  | ZOO: 4202 | 2019 |
| M.Sc. Zoology               | Comparative Animal Physiology and Endocrinology                | ZOO: 4203 | 2019 |
| M.Sc. Zoology               | Biological Techniques  | ZOO: 4204 | 2019 |
| M.Sc. Zoology               | Practicals Corresponding to ZOO:4201 and ZOO:4202              | ZOO: 4205 | 2019 |
| M.Sc. Zoology               | Practicals Corresponding to ZOO:4203 and ZOO:4204              | ZOO: 4206 | 2019 |
| B.Sc. Environmental Science | Fundamentals of Environmental Science - I                      | EVS1101   | 2019 |
| B.Sc. Environmental Science | Fundamentals of Environmental Biology - I                      | EVS1102   | 2019 |
| B.Sc. Environmental Science | Practical based on EVS1101 & EVS1102                           | EVS 1103  | 2019 |
| B.Sc. Environmental Science | Fundamentals of Environmental Science - II                     | EVS 1201  | 2019 |
| B.Sc. Environmental Science | Fundamentals of Environmental Biology - II                     | EVS 1202  | 2019 |
| B.Sc. Environmental Science | Practical based on EVS1201 & EVS1202                           | EVS 1203  | 2019 |
| B.Sc. Computer Science      | Basic Programming using C                                      | CSCO1101  | 2019 |
| B.Sc. Computer Science      | DBMS-I   | CSCO 1102 | 2019 |
| B.Sc. Computer Science      | Lab. Course I: Basic programming using C                       | CSCO1103  | 2019 |
| B.Sc. Computer Science      | Lab. Course II: DBMS I   | CSCO1104  | 2019 |
| B.Sc. Computer Science      | Advanced Programming using C                                   | CSCO 1201 | 2019 |
| B.Sc. Computer Science      | DBMS-II  | CSCO 1202 | 2019 |



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|------------------------|---|------------|------|
| Science                |   |            |      |
| B.Sc. Computer Science | Lab. Course I: Advanced Programming using C                       | CSCO 1203  | 2019 |
| B.Sc. Computer Science | Lab. Course II: DBMS II   | CSCO1204   | 2019 |
| M.Sc. Computer Science | Principles of Programming Languages (C)                           | COMP4101   | 2019 |
| M.Sc. Computer Science | Cryptography & Network Security(C)                                | COMP4102   | 2019 |
| M.Sc. Computer Science | Database Technologies (C)   | COMP4103   | 2019 |
| M.Sc. Computer Science | Design and Analysis of Algorithms (C)                             | COMP4104   | 2019 |
| M.Sc. Computer Science | Programming with DOT NET (C)                                      | COMP4105   | 2019 |
| M.Sc. Computer Science | Lab Course on DOT NET, PPL & Database Technologies (C)            | COMP4106   | 2019 |
| M.Sc. Computer Science | Digital Image Processing (C)                                      | COMP4201   | 2019 |
| M.Sc. Computer Science | Data Mining and Data Warehousing (C)                              | COMP4202   | 2019 |
| M.Sc. Computer Science | Python Programming (C)  | COMP4203   | 2019 |
| M.Sc. Computer Science | Advanced Operating System (Elective I)                            | COMP4204   | 2019 |
| M.Sc. Computer Science | Lab Course on Python Programming and Advance Operating System (C) | COMP4205   | 2019 |
| M.Sc. Computer Science | Project (Elective II)   | COMP4206   | 2019 |
| M.Sc. Computer Science | Artificial Intelligence (Elective III)                            | COMP4207   | 2019 |
| M.Sc. Computer Science | Advanced Operating System (Elective II)                           | PSCS127(B) | 2019 |
| B. Com.                | Financial Accounting-I  | COMFA1102  | 2019 |
| B. Com.                | Entrepreneurship Development-I                                    | COMED1104B | 2019 |
| B. Com.                | Consumer Protection and Business Ethics-I                         | COMCP1106A | 2019 |
| B. Com.                | Marketing and Salesmanship-I                                      | COMMS1106B | 2019 |
| B. Com.                | Financial Accounting-II   | COMFA1202  | 2019 |
| B. Com.                | Entrepreneurship Development-I I                                  | COMED1204B | 2019 |
| B. Com.                | Consumer Protection and Business Ethics-II                        | COMCP1206A | 2019 |
| B. Com.                | Marketing & Salesmanship-II                                       | COMMS1206B | 2019 |
| M. Com.                | Management Accounting   | COMMA4101  | 2019 |



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|-------------|--|-------------|------|
| M. Com.     | Strategic Management   | COMSM4102   | 2019 |
| M. Com.     | Advanced Accounting  | COMAA4103   | 2019 |
| M. Com.     | Income Tax   | COMIT4104   | 2019 |
| M. Com.     | Financial Analysis and Control                                     | COMFAC4201  | 2019 |
| M. Com.     | Industrial Economics   | COMIE4202   | 2019 |
| M. Com.     | Specialized Areas in Accounting                                    | COMSAA4203  | 2019 |
| M. Com.     | Business Tax Assessment & Planning                                 | COMBTAP4204 | 2019 |
| D.T.L.      | General Law Affecting Taxation (Paper-I)                           | PGDTL-101   | 2019 |
| D.T.L.      | Income Tax (Paper-I)   | PGDTL-102   | 2019 |
| D.T.L.      | Integrated Goods and Services Tax (Paper-I)                        | PGDTL-103   | 2019 |
| D.T.L.      | Custom Act (Paper- I)  | PGDTL-104   | 2019 |
| D.T.L.      | Business Accounting Practices (Paper-I)                            | PGDTL-105   | 2019 |
| B.B.A.      | Business Organization and System                                   | BBA 1101    | 2019 |
| B.B.A.      | Business Communication Skills                                      | BBA 1102    | 2019 |
| B.B.A.      | Business Accounting  | BBA 1103    | 2019 |
| B.B.A.      | Business Economics(Micro)  | BBA 1104    | 2019 |
| B.B.A.      | Business Mathamatics   | BBA 1105    | 2019 |
| B.B.A.      | Business Demography and Environmental Studies                      | BBA 1106    | 2019 |
| B.B.A.      | Principles of Management   | BBA 1201    | 2019 |
| B.B.A.      | Principles of Marketing  | BBA 1202    | 2019 |
| B.B.A.      | Principles of Finance  | BBA 1203    | 2019 |
| B.B.A.      | Basics of Cost Accountings   | BBA 1204    | 2019 |
| B.B.A.      | Basics of Statistics   | BBA 1205    | 2019 |
| B.B.A.      | Business Informatics   | BBA 1206    | 2019 |
| B.B.A. (CA) | Logic in Computer Science  | BCA1101     | 2019 |
| B.B.A. (CA) | Data Structure using C   | BCA1102     | 2019 |
| B.B.A. (CA) | Business Accounting  | BCA1103     | 2019 |
| B.B.A. (CA) | Business Communication   | BCA1104     | 2019 |
| B.B.A. (CA) | Principles and Practices of Management and Organizational Behavior | BCA1105     | 2019 |
| B.B.A. (CA) | Practical Lab I [Based on 1102 & 1103]                             | BCA1106     | 2019 |
| B.B.A. (CA) | Object Oriented Programming using C++                              | BCA1201     | 2019 |
| B.B.A. (CA) | Database Management System   | BCA1202     | 2019 |
| B.B.A. (CA) | Software Engineering   | BCA1203     | 2019 |
| B.B.A. (CA) | Technical Report Writing   | BCA1204     | 2019 |
| B.B.A. (CA) | Business Commerce  | BCA1205     | 2019 |
| B.B.A. (CA) | Practical Lab II [Based on Paper 1201 & 1202]                      | BCA1206     | 2019 |





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|-----------------|--|--------------|------|
| B. A. Hindi     | हिंदीसामान्य                             | HIN1101      | 2019 |
| B. A. Hindi     | हिंदीसामान्य                             | HIN1201      | 2019 |
| B. A. Hindi     | हिंदीसामान्य                             | HIN1101 (C)  | 2019 |
| B. A. Hindi     | हिंदीसामान्य                             | HIN1201(C)   | 2019 |
| M. A. Hindi     | प्राचीनतथा मध्ययुगीन काव्य               | HIN 4101     | 2019 |
| M. A. Hindi     | आधुनिकहिंदी कथा साहित्य                  | HIN 4102     | 2019 |
| M. A. Hindi     | भारतीयसाहित्यशास्त्र                     | HIN 4103     | 2019 |
| M. A. Hindi     | विशेषसाहित्यकारकबीर :                    | HIN 4104     | 2019 |
| M. A. Hindi     | मध्ययुगीन काव्य                          | HIN 4201     | 2019 |
| M. A. Hindi     | हिंदी नाटक विधा                          | HIN 4202     | 2019 |
| M. A. Hindi     | पाश्चात्यसाहित्यशास्त्र                  | HIN 4203     | 2019 |
| M. A. Hindi     | विशेष विधा हिंदी :उपन्यास                | HIN 4204     | 2019 |
| B.A. Economics  | Indiann Economy Problems & Prospectus I  | ECO 1101     | 2019 |
| B.A. Economics  | Indiann Economy Problems & Prospectus II | ECO 1201     | 2019 |
| B.A. Economics  | Businesss Economics Micro I              | COMBE1103    | 2019 |
| B.A. Economics  | Businesss Economics Micro II             | COMBE1203    | 2019 |
| B.A. Economics  | Banking & Finance I                      | COMBF1105    | 2019 |
| B.A. Economics  | Banking & Finance II                     | COMBF1205    | 2019 |
| M. A. Economics | Micro Economics I                        | ECO4101      | 2019 |
| M. A. Economics | Public Finance I                         | ECO4102      | 2019 |
| M. A. Economics | International Economics I                | ECO4103      | 2019 |
| M. A. Economics | Indian Economy Policy I                  | ECO4104      | 2019 |
| M. A. Economics | Micro Economics II                       | ECO4201      | 2019 |
| M. A. Economics | Public Finance II                        | ECO4202      | 2019 |
| M. A. Economics | International Economics II               | ECO4203      | 2019 |
| M. A. Economics | Indian Economy Policy II                 | ECO4204      | 2019 |
| B.A. Politics   | Indian Government And Politics G-I       | POLGEN- 1101 | 2019 |
| B.A. Politics   | Indian Government And Politics G-II      | POLGEN-1201  | 2019 |
| M.A. Politics   | Political Theory                         | POL- 4101    | 2019 |
| M.A. Politics   | Public Administration                    | POL- 4102    | 2019 |
| M.A. Politics   | Political Institutions in India          | POL- 4103    | 2019 |
| M.A. Politics   | Modern Political Ideologies              | POL- 4104    | 2019 |
| M.A. Politics   | Public policy                            | POL- 4201    | 2019 |
| M.A. Politics   | Issues in World Politics                 | POL- 4202    | 2019 |
| M.A. Politics   | Comparative Politics                     | POL- 4203    | 2019 |
| M.A. Politics   | Political Process in Maharashtra         | POL- 4204    | 2019 |
| B.A. History    | Chh. Shivaji and his times, Part I       | HIS 1101     | 2019 |
| B.A. History    | Chh. Shivaji and his times, Part II      | HIS 1201     | 2019 |



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|----------------------|--|-----------|------|
| M.A. History         | History and its Theory                               | HIS 4101  | 2019 |
| M.A. History         | Evolution of Ideas and Institutions in Ancient India | HIS 4102  | 2019 |
| M.A. History         | Maratha Polity                                       | HIS 4103  | 2019 |
| M.A. History         | Social Background of Dalit Movement in Maharashtra   | HIS 4104  | 2019 |
| M.A. History         | History and its Practice                             | HIS 4201  | 2019 |
| M.A. History         | Evolution of Ideas and Institution in Medieval India | HIS 4202  | 2019 |
| M.A. History         | Socio Economic History of Maratha                    | HIS 4203  | 2019 |
| M.A. History         | Nature of Dalit Movement in Maharashtra              | HIS 4204  | 2019 |
| B.A. Geography       | Physical Geography                                   | GEO 1101  | 2019 |
| B.A. Geography       | Human Geography                                      | GEO 1201  | 2019 |
| M.A. Geography       | Principles of Geomorphology                          | GEO 4101  | 2019 |
| M.A. Geography       | Principles of Climatology                            | GEO 4102  | 2019 |
| M.A. Geography       | Principles of Economic Geography                     | GEO 4103  | 2019 |
| M.A. Geography       | Principles of Population and Settlement Geography    | GEO 4104  | 2019 |
| M.A. Geography       | Practical in Physical in Geography                   | GEO 4105  | 2019 |
| M.A. Geography       | Practical in Human Geography                         | GEO 4106  | 2019 |
| M.A. Geography       | Geoinformatics - I                                   | GEO 4211  | 2019 |
| M.A. Geography       | Coastal Geomorphology                                | GEO 4201  | 2019 |
| M.A. Geography       | Population Geography                                 | GEO 4204  | 2019 |
| M.A. Geography       | Fluvial Geomorphology                                | GEO 4202  | 2019 |
| M.A. Geography       | Geography of Rural Settlements                       | GEO 4205  | 2019 |
| M.A. Geography       | Geography of Disaster Management                     | GEO 4212  | 2019 |
| M.A. Geography       | Practical in Surveying                               | GEO 4213  | 2019 |
| M.A. Geography       | Practical of Statistical Techniques for geography    | GEO 4214  | 2019 |
| B.A. Sociology       | Introduction to Sociology                            | SOC1101   | 2019 |
| B.A. Sociology       | Introduction to Sociology                            | SOC1201   | 2019 |
| B.A. Defence Studies | Defence Mechanism of India - I                       | DEF1101A  | 2019 |
| B.A. Defence Studies | Military Thinkers - I                                | DEF 1101B | 2019 |
| B.A. Defence Studies | Defence Mechanism of India - II                      | DEF1201A  | 2019 |
| B.A. Defence Studies | Military Thinkers - II                               | DEF 1201B | 2019 |
| B.A. Philosophy      | Introduction to Philosophy                           | PHIL1101  | 2019 |
| B.A. Philosophy      | Moral Philosophy                                     | PHIL1201  | 2019 |



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|                |   |           |      |
|----------------|---|-----------|------|
| B.A. Sociology | Traditional Logic ( Deductive Logic)                            | LOG1101   | 2019 |
| B.A. Sociology | Traditional Logic ( Inductive Logic)                            | LOG1201   | 2019 |
| B.A. Marathi   | Introduction To Sanskrit Literature-I                           | SAN1101   | 2019 |
| B.A. Marathi   | Introduction To Sanskrit-Ii                                     | SAN1201   | 2019 |
| B.Lib.I.Sci.   | Foundation of Library & Information Science                     | BLIS101   | 2019 |
| B.Lib.I.Sci.   | Library Management & Organization                               | BLIS102   | 2019 |
| B.Lib.I.Sci.   | Reference Service & Information Sources                         | BLIS103   | 2019 |
| B.Lib.I.Sci.   | Information Science   | BLIS104   | 2019 |
| B.Lib.I.Sci.   | Knowledge Organisation Classification-I (Theory)                | BLIS105   | 2019 |
| B.Lib.I.Sci.   | Information Processing : Cataloguing-I (Theory)                 | BLIS106   | 2019 |
| B.Lib.I.Sci.   | Information Communication Technology(ICT) in Libraries (Theory) | BLIS107   | 2019 |
| B.Lib.I.Sci.   | Librarianship as a Profession                                   | BLIS 201  | 2019 |
| B.Lib.I.Sci.   | Library Management  | BLIS 202  | 2019 |
| B.Lib.I.Sci.   | Information Sources and system                                  | BLIS 203  | 2019 |
| B.Lib.I.Sci.   | Organization of Information systems and Services                | BLIS 204  | 2019 |
| B.Lib.I.Sci.   | Knowledge Organization :Classification-II (Theory)              | BLIS 205  | 2019 |
| B.Lib.I.Sci.   | Information Processing : Cataloguing – II (Theory)              | BLIS 206  | 2019 |
| B.Lib.I.Sci.   | Project Work  | BLIS 207  | 2019 |
| B.Lib.I.Sci.   | Knowledge Organization :Classification (Practical)              | BLIS 208  | 2019 |
| B.Lib.I.Sci.   | Information Processing : Cataloguing (Practical)                | BLIS 209  | 2019 |
| B.Lib.I.Sci.   | Information Communication Technology (Practical)                | BLIS 2010 | 2019 |
| B.Lib.I.Sci.   | Information Sources :Viva - Voce                                | BLIS 2011 | 2019 |
| M.Lib.I.Sci.   | Information Communication & Society                             | MLIS101   | 2019 |
| M.Lib.I.Sci.   | Introduction to Research Methodology                            | MLIS102   | 2019 |
| M.Lib.I.Sci.   | Information Retrieval   | MLIS103   | 2019 |
| M.Lib.I.Sci.   | Management of Libraries & Information Centres-A                 | MLIS104   | 2019 |
| M.Lib.I.Sci.   | Information Technology (Theory)                                 | MLIS105   | 2019 |
| M.Lib.I.Sci.   | Management of Libraries And Information Centres-B               | MLIS 201  | 2019 |
| M.Lib.I.Sci.   | Statistical Techniques Of Research & Bibliometrics              | MLIS 202  | 2019 |





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|                 |  |             |      |
|-----------------|--|-------------|------|
| M.Lib.I.Sci.    | Bibliographic Control and Information Systems                    | MLIS 203    | 2019 |
| M.Lib.I.Sci.    | Project Report   | MLIS 204    | 2019 |
| M.Lib.I.Sci.    | Information Technology Applications : Practical                  | MLIS 205    | 2019 |
| B.A. Marathi    | आधुनिकमराठीसाहित्यव्यावहारिकमराठी                                | MARGEN1101  | 2019 |
| B.A. Marathi    | आधुनिकमराठीसाहित्यव्यावहारिकमराठी                                | MARGEN1201  | 2019 |
| B.Com.          | व्यावहारिकव उपयोजित मराठी  | COMMAR1107B | 2019 |
| B.Com.          | व्यावहारिकव उपयोजित मराठी  | COMMAR1207B | 2019 |
| M.A. Marathi    | व्यावहारिकआणि उपयोजित मराठी भाग१ -                               | MAR4101     | 2019 |
| M.A. Marathi    | मध्ययुगीनमराठी वाङ्मयाचा इतिहास १६०० प्रारंभ ते))                | MAR4102     | 2019 |
| M.A. Marathi    | भाषाविज्ञानवर्णनात्मक-   | MAR4103     | 2019 |
| M.A. Marathi    | ग्रामीणसाहित्य   | MAR4104     | 2019 |
| M.A. Marathi    | व्यावहारिकआणि उपयोजित मराठी भाग२ -                               | MAR4201     | 2019 |
| M.A. Marathi    | मध्ययुगीनमराठी वाङ्मयाचा इतिहास १६००ते प्रारंभ) १८१८             | MAR4202     | 2019 |
| M.A. Marathi    | भाषाविज्ञानसामाजिक-  | MAR4203     | 2019 |
| M.A. Marathi    | दलितसाहित्य  | MAR4204     | 2019 |
| B.A. Psychology | General Psychology-I   | PSY 1101    | 2019 |
| B.A. Psychology | General Psychology-II  | PSY 1201    | 2019 |
| B.A. Psychology | Foundations of Yoga-I  | YOG 1101    | 2019 |
| B.A. Psychology | Foundations of Yoga-II   | YOG 1201    | 2019 |
| M.A. Psychology | Cognitive Psychology   | PSY 4101    | 2019 |
| M.A. Psychology | Advance Psychological Testing                                    | PSY 4102    | 2019 |
| M.A. Psychology | Statistical Methods  | PSY 4103    | 2019 |
| M.A. Psychology | Psychology Practical:Tests                                       | PSY 4104    | 2019 |
| M.A. Psychology | Learning and Memoy   | PSY 4201    | 2019 |
| M.A. Psychology | Psychological Testing:Applications                               | PSY 4202    | 2019 |
| M.A. Psychology | Research Methods   | PSY 4203    | 2019 |
| M.A. Psychology | Psychology Practical:Experiments                                 | PSY 4204    | 2019 |
| B.A. English    | Compulsory English   | EMG1101     | 2019 |
| B.A. English    | An Introduction to English Language and WritingSkills in English | ENGFE1103   | 2019 |
| B.A. English    | Oral Communication in English                                    | ENGFE1104   | 2019 |
| B.A. English    | Optional English (General Paper-I)                               | ENGGE1102   | 2019 |
| B.Com.          | Compulsory English-I   | COMCE1101   | 2019 |
| B.Com.          | Compulsory English   | ENG 1101    | 2019 |
| B.Com.          | Compulsory English   | ENG 1201    | 2019 |



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**2019 - 2024**

|  |   |            |      |
|--|---|------------|------|
| B.Com.   | An Introduction to English Language and Writing Skills in English | ENGFE1203  | 2019 |
| B.Com.   | Oral Communication in English                                     | ENGGE1102  | 2019 |
| B.Com.   | Optional English (General Paper-I)                                | COMAE1207A | 2019 |
| B.Com.   | Additional English-I  | COMCE1201  | 2019 |
| M.A. English                                     | English Literature from 1550-1798                                 | PAEN111    | 2019 |
| M.A. English                                     | English Literature from 1798-2000                                 | PAEN112    | 2019 |
| M.A. English                                     | Contemporary Studies in English Language                          | PAEN113    | 2019 |
| M.A. English                                     | Literary Criticism and Theory                                     | PAEN114    | 2019 |
| M.A. English                                     | English Literature from 1550-1798                                 | PAEN121    | 2019 |
| M.A. English                                     | English Literature from 1798-2000                                 | PAEN122    | 2019 |
| M.A. English                                     | Contemporary Studies in English Language                          | PAEN123    | 2019 |
| M.A. English                                     | Literary Criticism and Theory                                     | PAEN124    | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Principles of Food Preservation                                   | FP-1       | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Food Microbiology - I   | FP-2       | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Food Science - I  | FP-3       | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Principles of Food Preservation                                   | FP-1.1     | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Computer Application  | FP-1.2     | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Food Science-I  | FP-1.3     | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Nutrition Science   | FP-4       | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Food Microbiology-II  | FP-5       | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Food Science - II   | FP-6       | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Nutrition Science   | FP-2.1     | 2019 |
| B.Voc. Food Processing & Post Harvest Technology | Food Microbiology-II  | FP-2.2     | 2019 |



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|--|---|---------|------|
| B.Voc. Food Processing & Post Harvest Technology | Soft Skill Development                      | FP-2.3  | 2019 |
| M.Voc. Food Processing Technology                | Food Microbiology                           | FPT-101 | 2019 |
| M.Voc. Food Processing Technology                | Food Chemistry and Analysis                 | FPT-102 | 2019 |
| M.Voc. Food Processing Technology                | Nutrition Science                           | FPT-103 | 2019 |
| M.Voc. Food Processing Technology                | Food Microbiology                           | FPT-1.1 | 2019 |
| M.Voc. Food Processing Technology                | Food Chemistry and Analysis                 | FPT-1.2 | 2019 |
| M.Voc. Food Processing Technology                | Bakery and Confectionery Technology         | FPT-1.3 | 2019 |
| M.Voc. Food Processing Technology                | Beverage and Snack Food Technology          | FPT-201 | 2019 |
| M.Voc. Food Processing Technology                | Food Additives, Contaminants and Toxicology | FPT-202 | 2019 |
| M.Voc. Food Processing Technology                | Advances in Food Processing & Packaging     | FPT-203 | 2019 |
| M.Voc. Food Processing Technology                | Beverage and Snack Food Technology          | FPT-2.1 | 2019 |
| M.Voc. Food Processing Technology                | Processing of Fruits and Vegetables         | FPT-2.2 | 2019 |
| M.Voc. Food Processing Technology                | Advances in Food Processing & Packaging     | FPT-2.3 | 2019 |
| B.Voc. Journalism & Mass Communication           | Introduction to Mass Communication          | JM 101  | 2019 |
| B.Voc. Journalism & Mass Communication           | Introduction to Journalism                  | JM 102  | 2019 |
| B.Voc. Journalism & Mass Communication           | Current Affairs- World, India, Maharashtra  | JM 103  | 2019 |





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|--|----------------------------------|--------|------|
| B.Voc. Journalism & Mass Communication | Language skills- Marathi         | JM 104 | 2019 |
| B.Voc. Journalism & Mass Communication | Computer Applications for Media  | JM 105 | 2019 |
| B.Voc. Journalism & Mass Communication | Basics of photography            | JM 106 | 2019 |
| B.Voc. Journalism & Mass Communication | News reporting and Editing-I     | JM 201 | 2019 |
| B.Voc. Journalism & Mass Communication | Writing for Media-I(Print)       | JM 202 | 2019 |
| B.Voc. Journalism & Mass Communication | Indian Constitution              | JM 203 | 2019 |
| B.Voc. Journalism & Mass Communication | Language skills- English         | JM 204 | 2019 |
| B.Voc. Journalism & Mass Communication | Feature Writing                  | JM 205 | 2019 |
| B.Voc. Journalism & Mass Communication | Photojournalism                  | JM 206 | 2019 |
| M.Voc. Media Studies                   | Introduction to Media Studies    | MS 101 | 2019 |
| M.Voc. Media Studies                   | Introduction to Journalism       | MS 102 | 2019 |
| M.Voc. Media Studies                   | Introduction to video production | MS 103 | 2019 |
| M.Voc. Media Studies                   | Writing for Media                | MS 104 | 2019 |
| M.Voc. Media Studies                   | Photography                      | MS 105 | 2019 |
| M.Voc. Media Studies                   | Introduction to Media Software   | MS 106 | 2019 |
| M.Voc. Media Studies                   | Camera Techniques- I             | MS 107 | 2019 |
| M.Voc. Media Studies                   | Visual Communication             | MS 201 | 2019 |
| M.Voc. Media Studies                   | Media, Society and Culture       | MS 202 | 2019 |



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|--------------------------|---------------------------------------|-----------|------|
| M.Voc. Media Studies     | Media Research Methods                | MS 203    | 2019 |
| M.Voc. Media Studies     | Camera Techniques- II                 | MS 204    | 2019 |
| M.Voc. Media Studies     | Experimental Journal                  | MS 205    | 2019 |
| M.Voc. Media Studies     | Script Writing                        | MS 206    | 2019 |
| M.Voc. Media Studies     | Anchoring skills and Voice Modulation | MS 207    | 2019 |
| B.Voc. Dairy Technology  | Dairy Development                     | BDT - 101 | 2019 |
| B.Voc. Dairy Technology  | Dairy Farm Management                 | BDT - 102 | 2019 |
| B.Voc. Dairy Technology  | Dairy Chemistry                       | BDT - 103 | 2019 |
| B.Voc. Dairy Technology  | Dairy Farm Management                 | BDT - 1.1 | 2019 |
| B.Voc. Dairy Technology  | Dairy Chemistry                       | BDT - 1.2 | 2019 |
| B.Voc. Dairy Technology  | Soft Skill Development                | BDT - 1.3 | 2019 |
| B.Voc. Dairy Technology  | Food Preservation Technology          | BDT - 201 | 2019 |
| B.Voc. Dairy Technology  | Milk Processing Technology            | BDT - 202 | 2019 |
| B.Voc. Dairy Technology  | Dairy Microbiology                    | BDT - 203 | 2019 |
| B.Voc. Dairy Technology  | Food Preservation Technology          | BDT - 2.1 | 2019 |
| B.Voc. Dairy Technology  | Dairy Microbiology                    | BDT - 2.2 | 2019 |
| B.Voc. Dairy Technology  | Computer Application                  | BDT - 2.3 | 2019 |
| B.Voc. Retail Management | Business Communication -I             | RM 1101   | 2019 |
| B.Voc. Retail Management | Principles of Management-I            | RM 1102   | 2019 |
| B.Voc. Retail Management | Managerial Economics                  | RM 1103   | 2019 |
| B.Voc. Retail Management | Introduction to Retailing             | RM 1104   | 2019 |
| B.Voc. Retail Management | Retail Sales Management               | RM 1105   | 2019 |



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|--------------------------|------------------------------------|---------|------|
| B.Voc. Retail Management | Principles of Consumer Behavior-I  | RM 1106 | 2019 |
| B.Voc. Retail Management | Business Communication Skills-II   | RM 1201 | 2019 |
| B.Voc. Retail Management | Principles of Management-II        | RM 1202 | 2019 |
| B.Voc. Retail Management | Principles of Consumer Behavior II | RM 1203 | 2019 |
| B.Voc. Retail Management | Life Skills & Computer Concepts    | RM 1204 | 2019 |
| B.Voc. Retail Management | Retail Management-I                | RM 1205 | 2019 |
| B.Voc. Retail Management | Retail Sales Management-II         | RM 1206 | 2019 |



  
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