## AWADHESH PRATAP SINGH UNIVERSITY, REWA (M.P.)

#### List of New Courses at the University Departments

The following number of new courses introduced of the total number of courses across all programs offered by the University during the year 2021-22

| Programme                         | Name of the Course                                             | Course<br>Code | Year of introduction | Courses Focused on                                                          |
|-----------------------------------|----------------------------------------------------------------|----------------|----------------------|-----------------------------------------------------------------------------|
| Master of Computer<br>Application | PAPER-CC-101-Computer<br>Organization                          | 10601          | 2020-2021            | Computer Proficiency and<br>Application /Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER-CC-102-Mathematical<br>Foundation of Computer<br>Science | 10602          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER- CC-103- Operating<br>System                             | 10603          | 2020-2021            | Computer Proficiency and<br>Application/Technical and<br>Programming Skill  |
| Master of Computer<br>Application | PAPER- CC-104- DBMS                                            | 10604          | 2020-2021            | Computer Proficiency and<br>Application /Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER- GE-105- Problem<br>Solving Using C & C++                | 10605          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | Lab I- DBMS                                                    | 10606          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | Lab-II- Prog. In C & C++                                       | 10607          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | Comprehensive Viva                                             | 10608          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER- CC-201- Data<br>Structure and Analysis of<br>Algorithms | 20601          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER- CC-202- Software<br>Engineering                         | 20602          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER- CC-203- Computer<br>Graphics & Visualization            | 20603          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER- DCE-204-(A) Artificial Intelligence                     | 20604          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER- DCE-204-(B) Cloud<br>Computing                          | 20605          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | PAPER- GE-205- Java<br>Programming &<br>Technologies           | 20606          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | Lab-I-Computer Graphics                                        | 20607          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | Lab II- Java                                                   | 20608          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application | Comprehensive Viva                                             | 20609          | 2020-2021            | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |



| Master of Computer<br>Application   | PAPER- CC-301- Compiler<br>Design                        | 30601    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
|-------------------------------------|----------------------------------------------------------|----------|-----------|-----------------------------------------------------------------------------|
| Master of Computer<br>Application   | PAPER- CC-302- Computer<br>Networking & Internet         | 30602    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | PAPER- DCE-303(A)-<br>Cryptography & Network<br>Security | 306031   | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | PAPER- DCE-303(B)- Mobile<br>Computing                   | 306032   | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | PAPER- DCE-303(C)-<br>Software Quality Assurance         | 306033   | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | PAPER- DCE-303(D)- Internet of Things                    | 306034   | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | PAPER- DCE-304(A)- Dot Net<br>Technology                 | 306041   | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | PAPER- DCE-304(B)- Python<br>Programming                 | 306042   | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | PAPER- DCE-304(C)- Data<br>Warehousing and Mining        | 306043   | 2021-2022 | Computer Proficiency and Application/ Technical and Programming Skill       |
| Master of Computer<br>Application   | PAPER- DCE-304(D)- Big Data<br>Analytics & Visualization | 306044   | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | PAPER- GE-305- Web<br>Applications Development           | 30605    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | Lab-I-Based on Elective III                              | 30606    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | Lab II-Web Applications<br>Development                   | 30607    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | Comprehensive Viva                                       | 30608    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | Major Project/Dissertation<br>Evaluation                 | 40601    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | Major Project/Dissertation<br>Internal Evaluation        | 40602    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Master of Computer<br>Application   | Comprehensive Viva                                       | 40603    | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Bachelor of Computer<br>Application | PAPER-MAJC-101-<br>Programming in C                      | 15570001 | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Bachelor of Computer<br>Application | PAPER-MINC-102-Computer<br>Fundamentals                  | 15570002 | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Bachelor of Computer<br>Application | PAPER-GE-103-PC Software                                 | 15570003 | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Bachelor of Computer<br>Application | PAPER-AE-104-Environmental<br>Studies                    | 15570004 | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |



| Bachelor of Computer<br>Application | PAPER-MAJC-201-Data<br>Structure                                      | 25570001 | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
|-------------------------------------|-----------------------------------------------------------------------|----------|-----------|-----------------------------------------------------------------------------|
| Bachelor of Computer<br>Application | PAPER-MINC-202-<br>Computational Mathematics                          | 25570002 | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Bachelor of Computer<br>Application | PAPER-GE-203-Web<br>Technologies                                      | 25570003 | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| Bachelor of Computer<br>Application | PAPER-AE-204-English<br>Language                                      | 25570004 | 2021-2022 | Computer Proficiency and<br>Application/ Technical and<br>Programming Skill |
| M.Sc.(Computer<br>Science)          | PAPER- CC-MSCS-301-<br>Operating System                               | 301      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | PAPER- CC- MSCS-302-<br>Computer Graphics &<br>Multimedia             | 302      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | PAPER- DEC- MSCS-303- (A)<br>Theory of Computation                    | 303      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | PAPER -DEC- MSCS-303- (B)<br>AI & Machine Learning                    | 303      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | PAPER- DEC- MSCS-304-(A)<br>Advanced Computer<br>architecture         | 304      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | PAPER- DEC- MSCS-304-(B)<br>Information & Network<br>Security         | 304      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | PAPER- GE- MSCS-305- Java<br>Programming                              | 305      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | Lab-I                                                                 | 306      | 2021-2022 | Research/Computer<br>Application/Technical and<br>Programming Skill         |
| M.Sc.(Computer<br>Science)          | Lab-II                                                                | 307      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | Comprehensive Viva Voce                                               | 308      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | MSCS-401-Major<br>Project/Dissertation External<br>Evaluation         | 401      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | MSCS-402-Major<br>Project/Dissertation Internal<br>Evaluation         | 402      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Sc.(Computer<br>Science)          | Comprehensive Viva Voce                                               | 403      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Tech. (Computer<br>Science)       | PAPER- DCE-MTECH-301(A)-<br>Cloud Computing                           | 301      | 2021-2022 | Research/Computer<br>Application/Technical and<br>Programming Skill         |
| M.Tech. (Computer<br>Science)       | PAPER- DCE- MTECH-<br>301(B)-Legal Aspects of<br>Information Security | 301      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Tech. (Computer<br>Science)       | PAPER- DCE- MTECH -<br>302(A)- Network Security                       | 302      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |
| M.Tech. (Computer<br>Science)       | PAPER -DCE- MTECH -<br>302(B)- Mobile & Wireless<br>Systems           | 302      | 2021-2022 | Research/Computer Application/Technical and Programming Skill               |



| M.Tech. (Computer<br>Science)   | PAPER -DCE- MTECH -<br>302(C)- Software Reuse &<br>Customization | 302            | 2021-2022 | Research/Computer Application/Technical and                                                                   |
|---------------------------------|------------------------------------------------------------------|----------------|-----------|---------------------------------------------------------------------------------------------------------------|
| M.Tech. (Computer<br>Science)   | PAPER- CC-MTECH-303-<br>Dissertation Part-I                      | 303            | 2021-2022 | Programming Skill  Research/Computer  Application/Technical and  Programming Skill                            |
| M.Tech. (Computer<br>Science)   | PAPER- GE- MTECH -304-<br>Internet of Things (IoT)               | 304            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| M.Tech. (Computer<br>Science)   | Comprehensive Viva Voce                                          | 305            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| M.Tech. (Computer<br>Science)   | PAPER- CC-MTECH-401-<br>Dissertation Part-II                     | 401            | 2021-2022 | Research/Computer<br>Application/Technical and<br>Programming Skill                                           |
| M.Tech. (Computer<br>Science)   | PAPER- CC-MTECH-402-<br>Data Science                             | 402            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| M.Tech. (Computer<br>Science)   | Comprehensive Viva Voce                                          | 403            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| B.Sc.(Hons) Computer<br>Science | 101: Programming<br>Methodology                                  | 101            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| B.Sc.(Hons) Computer<br>Science | 102: Calculus                                                    | 102            | 2021-2022 | Research/Use of mathematics in<br>Computer Science                                                            |
| B.Sc.(Hons) Computer<br>Science | 103: Internet Technology*                                        | 103            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| B.Sc.(Hons) Computer<br>Science | 104: English                                                     | 104            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| B.Sc.(Hons) Computer<br>Science | 201: Computer System<br>Architecture                             | 201            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| B.Sc.(Hons) Computer<br>Science | 202: Algebra and Geometry                                        | 202            | 2021-2022 | Research/Use of Mathematics in<br>Computer Application and related<br>Skill                                   |
| B.Sc.(Hons) Computer<br>Science | 203: Mobile Application<br>Development*                          | 203            | 2021-2022 | Research/Computer Application/Technical and Programming Skill                                                 |
| B.Sc.(Hons) Computer<br>Science | 204: Environment Science                                         | 204            | 2021-2022 | Research/Computer<br>Application/Technical and<br>Programming Skill                                           |
| M.Sc. (Mathematics)             | Functional Analysis-I                                            | MAT-C301       | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)             | Advanced Special Functions-I                                     | MAT-C302       | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)             | Riemannian Geometry-I                                            | MAT-C303       | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)             | Integral Transforms-I                                            | MAT-<br>DCE304 | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)             | Differential Geometry of<br>Manifolds-I                          | MAT-<br>DCE305 | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)             | General Theory of Relativity<br>and Cosmology –I                 | MAT-<br>DCE306 | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)             | Operations Research-I                                            | MAT-<br>GE307  | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |

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| M.Sc. (Mathematics)          | Advanced Discrete<br>Mathematics-I                | MAT-<br>GE308  | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
|------------------------------|---------------------------------------------------|----------------|-----------|---------------------------------------------------------------------------------------------------------------|
| M.Sc. (Mathematics)          | Bio-Mathematics                                   | MAT-<br>GE309  | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Comprehensive Viva-Voce                           | MAT-C310       | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Functional Analysis-II                            | MAT-C401       | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Advanced Special Functions-II                     | MAT-C402       | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Riemannian Geometry-II                            | MAT-C403       | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Integral Transforms-II                            | MAT-<br>DCE404 | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Differential Geometry of<br>Manifolds-II          | MAT-<br>DCE405 | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | General Theory of Relativity<br>and Cosmology –II | MAT-<br>DCE406 | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Operations Research-II                            | MAT-<br>GE407  | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Advanced Discrete<br>Mathematics-II               | MAT-<br>GE408  | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Cryptography                                      | MAT-<br>GE409  | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| M.Sc. (Mathematics)          | Comprehensive Viva-Voce                           | MAT-C410       | 2021-2022 | Developing the Mathematical Skill<br>among the students and preparing<br>them to take up a career in research |
| B.Sc.(Hons)<br>Biotechnology | Cell Biology                                      | C1             | 2021-22   | Preparing skills and providing<br>Career on Biotechnology field and<br>related area                           |
| B.Sc.(Hons)<br>Biotechnology | Animal Diversity -1                               | C2             | 2021-22   | Preparing skills and providing<br>Career on Biotechnology field and<br>related area                           |
| B.Sc.(Hons)<br>Biotechnology | Chemistry -1                                      | GEC1           | 2021-22   | Preparing skills and providing<br>Career on Biotechnology field and<br>related area                           |
| B.Sc.(Hons)<br>Biotechnology | English                                           | AECC1          | 2021-22   | Preparing skills and providing<br>Career on Biotechnology field and<br>related area                           |
| B.Sc.(Hons)<br>Biotechnology | Genetics & Molecular Biology                      | C3             | 2021-22   | Preparing skills and providing<br>Career on Biotechnology field and<br>related area                           |
| B.Sc.(Hons)<br>Biotechnology | Animal Diversity -2                               | C4             | 2021-22   | Preparing skills and providing<br>Career on Biotechnology field and<br>related area                           |
| B.Sc.(Hons)<br>Biotechnology | Chemistry -2                                      | GEC2           | 2021-22   | Preparing skills and providing<br>Career on Biotechnology field and<br>related area                           |
| B.Sc.(Hons)<br>Biotechnology | Environmental Studies                             | AECC2          | 2021-22   | Preparing skills and providing<br>Career on Biotechnology field and<br>related area                           |
| B.Sc.(Hons)<br>Microbiology  | Cell Biology and Microbial<br>World               | MB-C1          | 2021-22   | Creating Ability and skills on microbiology and related area                                                  |



| B.Sc.(Hons)<br>Microbiology | Plant Diversity-1                    | MB-C2        | 2021-22   | Creating Ability and skills on<br>microbiology and related area                            |
|-----------------------------|--------------------------------------|--------------|-----------|--------------------------------------------------------------------------------------------|
| B.Sc.(Hons)<br>Microbiology | Chemistry-1                          | MB-GEC 1     | 2021-22   | Creating Ability and skills on<br>microbiology and related area                            |
| B.Sc.(Hons)<br>Microbiology | Environmental Studies                | MB-AECC      | 2021-22   | Creating Ability and skills on<br>microbiology and related area                            |
| B.Sc.(Hons)<br>Microbiology | Bacteriology and Systematic          | MB-C3        | 2021-22   | Creating Ability and skills on                                                             |
| B.Sc.(Hons) Microbiology    | Plant Diversity-2                    | MB-C4        | 2021-22   | microbiology and related area Creating Ability and skills on microbiology and related area |
| B.Sc.(Hons)<br>Microbiology | Chemistry-2                          | MB-GEC 2     | 2021-22   | Creating Ability and skills on<br>microbiology and related area                            |
| B.Sc.(Hons)<br>Microbiology | English                              | MB-AECC<br>2 | 2021-22   | Creating Ability and skills on<br>microbiology and related area                            |
| M.Sc.(Chemistry)            | Application of Spectroscopy          | MCH-501      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Photochemistry                       | MCH-502      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Analytical Chemistry                 | MCH-503      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Heterocyclic Chemistry               | MCH-504      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Electrochemistry                     | MCH-505      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Industrial Chemistry                 | MCH-506      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Medicinal Chemistry                  | MCH-507      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Inorganic + Organic + Physical       |              | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Comprehensive viva voce              |              | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Organotransition Metal<br>Chemistry  | MCH-508      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Solid State Chemistry                | MCH-509      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Natural Product                      | MCH-510      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Organic synthesis                    | MCH-511      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Polymer Chemistry                    | MCH-512      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Environmental Chemistry              | MCH-513      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Computer-Aided Drug<br>Discovery     | MCH-514      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Inorganic + Organic + Physical       |              | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(Chemistry)            | Comprehensive viva voce              |              | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(BioChemistry)         | Metabolism and Plant<br>Biochemistry | BCH-301      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(BioChemistry)         | Immunology                           | BCH-302      | 2021-2022 | To provide students with the skills<br>required to succeed in their career                 |
| M.Sc.(BioChemistry)         | Clinical Biochemistry                | BCH-303      | 2021-2022 | To provide students with the skills<br>required to succeed in their career                 |
| M.Sc.(BioChemistry)         | Genetic Engineering                  | BCH-304      | 2021-2022 | To provide students with the skills required to succeed in their career                    |
| M.Sc.(BioChemistry)         | Practical (Lab I + Lab II)           | BCH-305      | 2021-2022 | To provide students with the skill required to succeed in their career                     |
| M.Sc.(BioChemistry)         | Comprehensive Viva Voce              | BCH-306      | 2021-2022 | To provide students with the skill required to succeed in their career                     |
| M.Sc.(BioChemistry)         | Pharmaceutical Biochemistry          | BCH-401      | 2021-2022 | To provide students with the skill required to succeed in their career                     |



| M.Sc.(BioChemistry)             | Biochemical Toxicology and<br>Clinical Research                       | BCH-402 | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
|---------------------------------|-----------------------------------------------------------------------|---------|-----------|---------------------------------------------------------------------------------------------------------------------------------|
| M.Sc.(BioChemistry)             | Food and Nutrition<br>Biochemistry                                    | BCH-403 | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(BioChemistry)             | Industrial Biochemistry                                               | BCH-404 | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(BioChemistry)             | Practical (Lab I + Lab II)                                            | BCH-405 | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(BioChemistry)             | Comprehensive Viva Voce                                               | BCH-406 | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | Genetic Engineering                                                   | 301     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | Metabolism: Basic Concept and<br>Design                               | 302     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | **(A)Bioprocess Engineering<br>and Technology                         | 303     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | **(B)Medical Biotechnology                                            | 303     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | *Environmental Biotechnology                                          | 304     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | Practical                                                             | 305     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | Comprehensive viva- Voce                                              | 306     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | Entrepreneurship In<br>Biotechnology &Intellectual<br>Property Rights | 401     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | **(A)Plant Tissue culture<br>technology                               | 402     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | ** (B) Animal Cell Culture<br>techniques                              | 402     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | Dissertation and Presentation                                         | 403     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Biotechnology)            | Comprehensive viva- Voce                                              | 404     | 2021-2022 | To provide students with the skills required to succeed in their career                                                         |
| M.Sc.(Environmental<br>Biology) | Environmental Microbiology                                            | 1       | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | Conservative & Management of<br>Natural Resources                     | 2       | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | **(A). Pollution Control and<br>Waste Management                      | 3       | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | **(B). Air Pollution<br>Management                                    | 3       | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | *Environmental Law's and<br>Policies                                  | 4       | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | Practical                                                             | 5       | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | Comprehensive Viva Voce                                               | 6       | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | Ecotoxicology                                                         | 1       | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the                                                                   |

|                                 |                                                                           |        |           | students and preparing them to take<br>up a career in research                                                                  |
|---------------------------------|---------------------------------------------------------------------------|--------|-----------|---------------------------------------------------------------------------------------------------------------------------------|
| M.Sc.(Environmental<br>Biology) | Environmental Biotechnology                                               | 2      | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | **(A). Forest Ecology                                                     | 3      | 2021-2022 | To Develop the Environmental Knowledge and Skill among the students and preparing them to take up a career in research          |
| M.Sc.(Environmental<br>Biology) | **(B). Water Pollution<br>Management                                      | 4      | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | Environmental Impact<br>Assessment                                        | 5      | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | Practical                                                                 | 6      | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Environmental<br>Biology) | Comprehensive Viva Voce                                                   | 7      | 2021-2022 | To Develop the Environmental<br>Knowledge and Skill among the<br>students and preparing them to take<br>up a career in research |
| M.Sc.(Microbiology)             | Medical Microbiology                                                      | MB:301 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | Recombinant DNA Technology                                                | MB:302 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | Environmental Microbiology or<br>Microbial diagnosis in health<br>clinics | MB:303 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | Microbial Physiology and<br>Metabolism                                    | MB:304 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | practical                                                                 | MB:305 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | Comprehensive viva voce                                                   | MB:306 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | Agriculture microbiology                                                  | MB:401 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | Food microbiology Or                                                      | MB:402 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | Enzyme technology                                                         | MB:403 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |
| M.Sc.(Microbiology)             | Project work of 3-4 months duration                                       | MB:404 | 2021-2022 | To Develop the Knowledge and<br>Skill among the students and<br>preparing them to take up a career<br>in research               |

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| M.Sc.(Microbiology) | Comprehensive viva voce                                                            | MB:405    | 2021-2022 | To Develop the Knowledge and                                                               |
|---------------------|------------------------------------------------------------------------------------|-----------|-----------|--------------------------------------------------------------------------------------------|
|                     |                                                                                    |           |           | Skill among the students and preparing them to take up a career in research                |
| M.A. (English)      | 1. Critical Theory (Compulsory)                                                    | Paper-I   | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | 2. English Language<br>Compulsory)                                                 | Paper-II  | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | Indian Writings in English III     (A) Optional                                    | Paper-III | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | 4. Commonwealth Literature in English III (B) (Optional)                           | Paper-IV  | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | 5. American Literature IV (A) (Optional)                                           | Paper-V   | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | Linguistics and stylistics IV     (B) (Optional                                    | Paper-VI  | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | Critical Theory (Compulsory)                                                       | Paper-I   | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | 2. English Language<br>Compulsory)                                                 | Paper-II  | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | Indian Writings in English III     (A) Optional                                    | Paper-III | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | 4. Commonwealth Literature in English III (B) (Optional)                           | Paper-IV  | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | 5. American Literature IV (A) (Optional)                                           | Paper-V   | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| M.A. (English)      | 6. Linguistics and stylistics IV (B) (Optional)                                    | Paper-VI  | 2021-2022 | To Develop the English language<br>communication Skill and related<br>career on that field |
| B.A.(English)       | Major –British Poetry and<br>Drama 14 <sup>th</sup> and 17 <sup>th</sup> Centuries | Paper-1   | 2021-22   | To Develop the English language<br>communication Skill and related<br>career on that field |
| B.A.(English)       | Minor- General Psychology                                                          | Paper-2   | 2021-22   | To Develop the English language<br>communication Skill and related<br>career on that field |
| B.A.(English)       | Generic Elective – Academic<br>Writing and Composition                             | Paper-3   | 2021-22   | To Develop the English language<br>communication Skill and related<br>career on that field |
| B.A.(English)       | Ability Enhancement<br>Compulsory course: English<br>Communication                 | Paper-4   | 2021-22   | To Develop the English language<br>communication Skill and related<br>career on that field |
| B.A.(English)       | Major- European Classical<br>Literature                                            | Paper-1   | 2021-22   | To Develop the English language<br>communication Skill and related<br>career on that field |
| B.A.(English)       | Minor- Community Psychology                                                        | Paper-2   | 2021-22   | To Develop the English language<br>communication Skill and related<br>career on that field |
| B.A.(English)       | Generic Elective- Media and<br>Communication Skills                                | Paper-3   | 2021-22   | To Develop the English language<br>communication Skill and related<br>career on that field |
| B.A.(English)       | Ability Enhancement<br>Compulsory course                                           | Paper-4   | 2021-22   | To Develop the English language<br>communication Skill and related<br>career on that field |

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| M.A.(Hindi)      | 301: आधुनिक हिंदी काव्य और<br>उसका इतिहास                                   | 301 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
|------------------|-----------------------------------------------------------------------------|-----|-----------|-------------------------------------------------------------------------------------------------|
| M.A.(Hindi)      | 302 : भाषा विज्ञान                                                          | 302 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
| M.A.(Hindi)      | 303 : हिंदी साहित्य का इतिहास                                               | 303 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
| M.A.(Hindi)      | 304 : सूरदास                                                                | 304 | 2021-2022 | To Create the Knowledge of Hindi<br>and related Career                                          |
| M.A.(Hindi)      | 205: समग्र मौखिकी                                                           | 305 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
| M.A.(Hindi)      | 401आधुनिक हिन्दी काव्य और<br>उसका इतिहास                                    | 401 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
| M.A.(Hindi)      | 402भाषा विज्ञान एवं हिन्दी भाषा                                             | 402 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
| M.A.(Hindi)      | 403हिन्दी साहित्य का इतिहास                                                 | 403 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
| M.A.(Hindi)      | 404 वैकल्पिक प्रश्न-पत्र (सूरदास,<br>तुलसीदास बघली भाषा और<br>उसका साहित्य) | 404 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
| M.A.(Hindi)      | 405 समग्र मौखिकी                                                            | 405 | 2021-2022 | To Create the Knowledge of Hindi and related Career                                             |
| M.A.(Philosophy) | (A) ** Gandhian Philosophy Or                                               | 303 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | (B) Western Ethics                                                          | 303 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | Indian Ethics*                                                              | 304 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | Comprehensive Viva-voce                                                     | 305 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | Philosophy of Religion - II                                                 | 401 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | Logic - II                                                                  | 402 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | (A)** Contemporary Indian<br>Philosophy Or                                  | 403 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | (B) Contemporary Western<br>Philosophy                                      | 403 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | Vedanta Darshan*                                                            | 404 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Philosophy) | Comprehensive Viva-voce                                                     | 405 | 2021-2022 | Helps to become good human being                                                                |
| M.A.(Yoga)       | Yoga and Health                                                             | 301 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)       | Research Methodology                                                        | 302 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)       | (A) Yoga Vasistha ** Or                                                     | 303 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)       | (B) Fundamentals of Yogic psychotherapy **                                  | 303 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)       | Yoga and physical balance*                                                  | 304 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)       | Practical-1                                                                 | 305 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)       | Practical-2                                                                 | 306 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)       | Comprehensive Viva-Voce                                                     | 307 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)       | Naturopathy and Ayurveda                                                    | 401 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |



| M.A.(Yoga)            | Shivsamhita                                                                           | 402 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
|-----------------------|---------------------------------------------------------------------------------------|-----|-----------|-------------------------------------------------------------------------------------------------|
| M.A.(Yoga)            | (A) Dissertation**                                                                    | 403 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)            | (B) Essay**                                                                           | 403 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)            | Value education and spirituality                                                      | 404 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)            | Practical-1                                                                           | 405 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)            | Practical-1                                                                           | 406 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.A.(Yoga)            | Comprehensive Viva-Voce                                                               | 407 | 2021-2022 | Develop and Helps to fit body with<br>the help of varous Yog methods<br>careeer on related area |
| M.S.W.                | Social Work Research                                                                  | 301 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Dynamics of Development                                                               | 302 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Youth Development & Empowerment                                                       | 303 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Tribal Community<br>Development                                                       | 304 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Concurrent Field Work & Rural<br>Camp                                                 | 305 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Comprehensive Viva-Voce                                                               | 306 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Social Welfare Administration                                                         | 401 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Social Policy and Planning                                                            | 402 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Women and Empowerment                                                                 | 403 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Psychiatric Social Work                                                               | 404 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Concurrent and Block Field<br>Work                                                    | 405 | 2020-21   | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| M.S.W.                | Comprehensive Viva-Voce                                                               | 406 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field             |
| B.A.(Hons) Philosophy | Paper - 101 (Major Core) Indian                                                       | 101 | 2021-2022 | Helps to become good human being                                                                |
| B.A.(Hons) Philosophy | Philosophy-I Paper – 102 (Minor Core) Ancient Indian History, Culture and Archaeology | 102 | 2021-2022 | Helps to become good human being                                                                |
| B.A.(Hons) Philosophy | Paper – 103 (Generic Elective<br>(GE)*Philosophy of Shri<br>Ramcharitamanas*          | 103 | 2021-2022 | Helps to become good human being                                                                |

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| B.A.(Hons) Philosophy | Paper – 104 (Ability<br>Enhancement Course)<br>(AEC)Hindi Language         | 104        | 2021-2022 | Helps to become good human being                                                                      |
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| B.A.(Hons) Philosophy | Paper - 201 (Major Core) Indian<br>Philosophy-II                           | 201        | 2021-2022 | Helps to become good human being                                                                      |
| B.A.(Hons) Philosophy | Paper – 202 (Minor Core)<br>Indian Culture                                 | 202        | 2021-2022 | Helps to become good human being                                                                      |
| B.A.(Hons) Philosophy | Paper – 203 (Generic Elective<br>(GE)*Philosophy of Gita*                  | 203        | 2021-2022 | Helps to become good human being                                                                      |
| B.A.(Hons) Philosophy | Paper – 104 (Ability<br>Enhancement Course) (AEC)<br>Environmental Studies | 204        | 2021-2022 | Helps to become good human being                                                                      |
| M.Sc. (Physics)       | C-7: Nuclear & Particle Physics                                            | C-7        | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | C-8: Condensed Matter Physics                                              | Cc-8       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc.(Physics)        | DCE-1: Digital Electronics or                                              | DCE-1      | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | DCE-2: Energy Physics or                                                   | DCE-2      | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | DCE-3: Space Technology Or                                                 | DCE-3      | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | DCE-4: Remote Sensing &<br>Applications                                    | DCE-4      | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | *GE-3: Informatics                                                         | GE-3       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | CV-3: Comprehensive Viva<br>Voce                                           | CV-3       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | PL-5: Practicals-General                                                   | PL-5       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | PL-6: Practicals-Electronics                                               | PL-6       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | C-9: Laser Physics                                                         | C-9        | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | C-10: Modern Experimental<br>Techniques                                    | C-10       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | DCE-5: Advance Electronics or                                              | DCE-5      | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | DCE-6: Astrophysics or                                                     | DCE-6      | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | DCE-7: Environmental Physics<br>Or                                         | DCE-7      | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | DCE-8: Physics of<br>Nanomaterials                                         | DCE-8      | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | *GE-4: Atmospheric Science                                                 | GE-4       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | CV-4: Comprehensive Viva<br>Voce                                           | CV-4       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | PL-7: Practical- General                                                   | PL-7       | 2021-2022 | Scientific Research and Application                                                                   |
| M.Sc. (Physics)       | PL-8: Practical-Electronics                                                | PL-8       | 2021-2022 | Scientific Research and Application                                                                   |
| M.A. (Psychology)     | Paper- 301 Educational<br>Psychology                                       | Paper- 301 | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving. |
| M.A. (Psychology)     | Paper 302 Clinical Psychology                                              | Paper 302  | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving. |
| M.A. (Psychology)     | Paper 303 Developmental<br>Psychology                                      | Paper 303  | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving. |
| M.A. (Psychology)     | Paper 304 Health Psychology                                                | Paper 304  | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving. |
| M.A. (Psychology)     | Paper 305<br>Practical/Seminar/Assignment                                  | Paper 305  | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving. |
| M.A. (Psychology)     | Paper 306 Comprehensive Viva-<br>Voce                                      | Paper 306  | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving. |
| M.A. (Psychology)     | Paper- 401 Environmental<br>Psychology                                     | Paper- 401 | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving. |



| M.A. (Psychology)         | Paper 402 Organizational<br>Behaviour                                                                        | Paper 402 | 2021-2022 | Development of the skills includes thinking, knowing, remembering,                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------|-----------|-----------|-------------------------------------------------------------------------------------------------------------------------------|
| M.A. (Psychology)         | Paper 403 Psychology of<br>Adjustment                                                                        | Paper 403 | 2021-2022 | judging and problem solving.  Development of the skills includes thinking, knowing, remembering, judging and problem solving. |
| M.A. (Psychology)         | Paper 404 Human Resource<br>Management                                                                       | Paper 404 | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving.                         |
| M.B.A. (HRD)              | 301 Human Resource Planning                                                                                  | 301       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 302 Management Information<br>System and Decision Support<br>System                                          | 302       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 303 Compensation Management                                                                                  | 303       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 304(A) Management Training<br>and Development * 304(B)<br>Management of Comparative<br>Industrial Relation * | 304       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 305 Counselling Skills for<br>Managers*                                                                      | 305       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 306 Summer Training Report<br>and Viva-Voce                                                                  | 306       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 401 Business Policy and<br>Strategic Management                                                              | 401       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 402 Business Legislation                                                                                     | 402       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 403 Cross Cultural and Global<br>Human Resource Management                                                   | 403       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 404 (A) Industrial Psychology<br>404 (B) HRD in specialized<br>sector                                        | 404       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 405 Entrepreneurship                                                                                         | 405       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| M.B.A. (HRD)              | 406 Summer Training Report<br>and Viva-voce                                                                  | 406       | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                               |
| B.A. (Hons)<br>Psychology | Paper - 101 (Major Core)<br>Introduction to Psychology                                                       | 101       | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving.                         |
| B.A. (Hons)<br>Psychology | Paper – 102 (Minor Core)<br>Psychology and Social Work                                                       | 102       | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving.                         |
| B.A. (Hons)<br>Psychology | Paper – 103 (Generic Elective (GE)*Youth, Gender and Identity                                                | 103       | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving.                         |
| B.A. (Hons)<br>Psychology | Paper – 104 (Ability<br>Enhancement Course)<br>(AEC)Hindi Language                                           | 104       | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving.                         |
| B.A. (Hons)<br>Psychology | Paper - 201 (Major Core)<br>Introduction to Personality                                                      | 201       | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving.                         |
| B.A. (Hons)<br>Psychology | Paper – 202 (Minor Core)<br>Contemporary Social Problems<br>and Concern                                      | 202       | 2021-2022 | Development of the skills includes<br>thinking, knowing, remembering,<br>judging and problem solving.                         |

| B.A. (Hons)                  | Paper - 203 (Generic Elective                                                   | 203 | 2021-2022 | Development of the skills includes                                                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------|-----|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Psychology                   | (GE)*Community Psychology                                                       |     |           | thinking, knowing, remembering, judging and problem solving.                                                                                                         |
| B.A. (Hons)                  | Paper – 204 (Ability                                                            | 204 | 2021-2022 | Development of the skills includes                                                                                                                                   |
| Psychology                   | Enhancement Course) (AEC)<br>Environmental Studies                              |     |           | thinking, knowing, remembering, judging and problem solving.                                                                                                         |
| B.S.W                        | Paper - 101 (Major Core)<br>Foundations of Social Work                          | 101 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field                                                                                  |
| B.S.W                        | Paper – 102 (Minor Core)<br>Psychology and Social Work                          | 102 | 2021-2022 | Developing Skill sets help and<br>work for societies and career in<br>related field                                                                                  |
| B.S.W                        | Paper – 103 (Generic Elective (GE)* Introduction to Contemporary Indian Society | 103 | 2021-22   | Developing Skill sets help and<br>work for societies and career in<br>related field                                                                                  |
| B.S.W                        | Paper – 104 (Ability<br>Enhancement Course) (AEC)<br>Hindi Language             | 104 | 2021-22   | Developing Skill sets help and<br>work for societies and career in<br>related field                                                                                  |
| B.S.W                        | Paper - 201 (Major Core) Social<br>Case Work                                    | 201 | 2021-22   | Developing Skill sets help and<br>work for societies and career in<br>related field                                                                                  |
| B.S.W                        | Paper – 202 (Minor Core)<br>Social Science Concepts and<br>Social Work          | 202 | 2021-22   | Developing Skill sets help and<br>work for societies and career in<br>related field                                                                                  |
| B.S.W                        | Paper – 203 (Generic Elective (GE)* Community Psychology                        | 203 | 2021-22   | Developing Skill sets help and<br>work for societies and career in<br>related field                                                                                  |
| B.S.W                        | Paper – 204 (Ability<br>Enhancement Course) (AEC)<br>Environmental Studies      | 204 | 2021-22   | Developing Skill sets help and<br>work for societies and career in<br>related field                                                                                  |
| M.A. (Business<br>Economics) | 301 : Economics of Growth & Planning – I                                        | 301 | 2021-2022 | Development of basic skills required by the industry                                                                                                                 |
| M.A. (Business<br>Economics) | 302 : Financial Management – I                                                  | 302 | 2021-2022 | Development of basic skills required by the industry                                                                                                                 |
| M.A. (Business<br>Economics) | 303 (A): Personnel<br>Management                                                | 303 | 2021-2022 | Development of basic skills required by the industry                                                                                                                 |
| M.A. (Business<br>Economics) | 303 (B) : Marketing<br>Management                                               | 303 | 2021-2022 | Development of basic skills required by the industry                                                                                                                 |
| M.A. (Business<br>Economics) | 304 : Indian Economic Policy                                                    | 304 | 2021-2022 | Development of basic skills required by the industry                                                                                                                 |
| M.A. (Business<br>Economics) | 401 : Economics of Growth &<br>Planning-II                                      | 401 | 2021-2022 | Development of basic skills required by the industry                                                                                                                 |
| M.A. (Business<br>Economics) | 402 : Financial Management –                                                    | 402 | 2021-2022 | Development of basic skills required by the Industry                                                                                                                 |
| M.A. (Business<br>Economics) | 403 (A): Industrial Relations                                                   | 403 | 2021-2022 | Development of basic skills required by the Industry                                                                                                                 |
| M.A. (Business<br>Economics) | 403 (B): Marketing Research                                                     | 403 | 2021-2022 | Development of basic skills required by the industry                                                                                                                 |
| M.A. (Business<br>Economics) | 404: Agriculture Economics                                                      | 404 | 2021-2022 | Development of basic skills required by the Industry                                                                                                                 |
| M.B.A.(IR & PM)              | Business Legislation                                                            | 3.1 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization |
| M.B.A.(IR & PM)              | Training & Development                                                          | 3.2 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization |
| M.B.A.(IR & PM)              | Knowledge Management &<br>Business Ethics                                       | 3.3 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization |

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| M.B.A.(IR & PM) | Applied Management (A) & Employee Counselling (B)                                                              | 3.4 | 2021-2022 | To Development of basic skills required by the managers for maintaining good Industrial Relations and Personnel Functions                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------|-----|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M.B.A.(IR & PM) | Labour Management                                                                                              | 3.5 | 2021-2022 | of a professional organization  To Development of basic skills required by the managers for maintaining good Industrial Relations and Personnel Functions of a professional organization |
| M.B.A.(IR & PM) | Summer Internship Dissertation & Viva Voce                                                                     | 3.6 | 2021-2022 | To Development of basic skills required by the managers for maintaining good Industrial Relations and Personnel Functions of a professional organization                                 |
| M.B.A.(IR & PM) | Industrial Relations                                                                                           | 4.1 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization                     |
| M.B.A.(IR & PM) | Strategic Management                                                                                           | 4.2 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization                     |
| M.B.A.(IR & PM) | Industrial Law – III                                                                                           | 4.3 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization                     |
| M.B.A.(IR & PM) | Human Resource Management<br>in International Global<br>Environment (A) & Safety and<br>Service Management (B) | 4.4 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization                     |
| M.B.A.(IR & PM) | Management of Organizational<br>Change & Development                                                           | 4.5 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization                     |
| M.B.A.(IR & PM) | Comprehensive Viva Voce                                                                                        | 4.6 | 2021-2022 | To Development of basic skills<br>required by the managers for<br>maintaining good Industrial<br>Relations and Personnel Functions<br>of a professional organization                     |
| MBA             | 301 Operations Research                                                                                        | 301 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                                                                                          |
| MBA             | 302 A Consumer Behaviour**                                                                                     | 302 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                                                                                          |
| MBA             | 302 B Investment Analysis & Portfolio Management**                                                             | 302 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                                                                                          |
| MBA             | 302 C Employee Relations**                                                                                     | 302 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                                                                                          |
| MBA             | 303 A Sales & Distribution<br>Management**                                                                     | 303 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                                                                                          |
| MBA             | 303 B International Finance**                                                                                  | 303 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                                                                                          |
| MBA             | 303 C Human Resource<br>Development**                                                                          | 303 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes                                                                                                          |

| MBA        | 304 Entrepreneurship*                                 | 304 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
|------------|-------------------------------------------------------|-----|-----------|---------------------------------------------------------------------------------|
| MBA        | 305 Internship Dissertation & Comprehensive Viva Voce | 305 | 2021-2022 | Development of Desired Knowledge, Skills, Values and Managerial attitudes       |
| MBA        | 401 Strategic Management                              | 401 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 402 Management Information<br>System                  | 402 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 403 A Integrated Marketing Communication**            | 403 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 403 B Project Appraisal & Finance**                   | 403 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 403 C Compensation & Benefits Management**            | 403 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 404 A International Marketing**                       | 404 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 404 B Taxation**                                      | 404 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 404 C Organisational Change & Development**           | 404 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 405 Managing Banks & Financial Institutions*          | 405 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| MBA        | 406 Comprehensive Viva Voce                           | 406 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA        | 101 Management Process &<br>Organisation Behaviour    | 101 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA        | 102 Basics of Economics                               | 102 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA        | 103 Business Environment*                             | 103 | 2021-2022 | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA        | 104 English Language                                  | 104 | 2021-22   | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA        | 201 Financial Management                              | 201 | 2021-22   | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA        | 202 Quantitative Techniques                           | 202 | 2021-22   | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA        | 203 Start-ups &<br>Entrepreneurship*                  | 203 | 2021-22   | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA        | 204 Environmental Studies                             | 204 | 2021-22   | Development of Desired<br>Knowledge, Skills, Values and<br>Managerial attitudes |
| BBA(T & H) | Introduction to Tourism                               | 101 | 2021-22   | To Provide Career in Tourism<br>Administration                                  |
| BBA(T & H) | Management Concept and principles                     | 102 | 2021-22   | To Provide Career in Tourism<br>Administration                                  |

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| BBA(T & H)        | Indian Economy: An<br>Introduction                                      | 103 | 2021-22 | To Provide Career in Tourism<br>Administration               |
|-------------------|-------------------------------------------------------------------------|-----|---------|--------------------------------------------------------------|
| BBA(T & H)        | English Language and Indian                                             | 104 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| BBA(T & H)        | Travel Agency and Tour<br>Operation                                     | 201 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| BBA(T & H)        | Tourism Product in India                                                | 202 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| BBA(T & H)        | Physical Geography                                                      | 203 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| BBA(T & H)        | Environmental Education                                                 | 204 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| BBA(T & H)        | 301: Tourism Administration in India                                    | 301 | 2018-19 | To Provide Career in Tourism<br>Administration               |
| 3.A.(Hons) AIHC&A | 101-Introduction of Ancient<br>Indian History, Culture &<br>Archaeology | 101 | 2021-22 | To Provide Historical Knowledge,<br>Skill and related career |
| B.A.(Hons) AIHC&A | 102-Indian Philosophy-I                                                 | 102 | 2021-22 | To Provide Historical Knowledge,<br>Skill and related career |
| B.A.(Hons) AIHC&A | 103-Ancient Indian Human<br>Value                                       | 103 | 2021-22 | To Provide Historical Knowledge,<br>Skill and related career |
| B.A.(Hons) AIHC&A | 104-English                                                             | 104 | 2021-22 | To Provide Historical Knowledge,<br>Skill and related career |
| B.A.(Hons) AIHC&A | 201-Methods of Archaeology                                              | 201 | 2021-22 | To Provide Historical Knowledge,<br>Skill and related career |
| B.A.(Hons) AIHC&A | 202-Indian Philosophy-II                                                | 202 | 2021-22 | To Provide Historical Knowledge,<br>Skill and related career |
| B.A.(Hons) AIHC&A | 203-Heritage Management in India                                        | 203 | 2021-22 | To Provide Historical Knowledge<br>Skill and related career  |
| B.A.(Hons) AIHC&A | 204-Environment                                                         | 204 | 2021-22 | To Provide Historical Knowledge<br>Skill and related career  |
| MBA(TA)           | Hotel & Resort Management                                               | 301 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Service Marketing                                                       | 302 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Consumer Behaviour OR                                                   | 303 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Hospitality Management                                                  | 303 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Ethical Legal & Regulatory<br>Aspects of Tourism                        | 304 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Hotel Accounting                                                        | 305 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Foreign Language Course<br>(French) OR                                  | 306 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Foreign Language Course<br>(German) OR                                  | 306 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Foreign Language Course<br>(Japanese)                                   | 306 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Job Training Report                                                     | 307 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Viva-Voce (Comprehensive)                                               | 308 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Strategic Management                                                    | 401 | 2021-22 | To Provide Career in Tourism Administration                  |
| MBA(TA)           | Heritage Management OR                                                  | 402 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Rural Tourism                                                           | 402 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Tour Operations Management                                              | 403 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Eco Tourism                                                             | 404 | 2021-22 | To Provide Career in Tourism<br>Administration               |
| MBA(TA)           | Tourism Geography                                                       | 405 | 2021-22 | To Provide Career in Tourism<br>Administration               |

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| MBA(TA)      | Advertising Management OR                                                                 | 406      | 2021-22 | To Provide Career in Tourism Administration                                                    |
|--------------|-------------------------------------------------------------------------------------------|----------|---------|------------------------------------------------------------------------------------------------|
| MBA(TA)      | Retail Management                                                                         | 407      | 2021-22 | To Provide Career in Tourism<br>Administration                                                 |
| MBA(TA)      | Dissertation Report                                                                       | 407      | 2021-22 | To Provide Career in Tourism<br>Administration                                                 |
| MBA(TA)      | Viva-Voce (Comprehensive)                                                                 | 408      | 2021-22 | To Provide Career in Tourism<br>Administration                                                 |
| M.A.(AIHC&A) | Indian Inscription and<br>Scriptography                                                   | 302      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Ancient Indian Philosophical<br>Traditions                                                | 303      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Methods of Archaeology                                                                    | 303      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Environmental Archaeology                                                                 | 304      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Viva-Voce                                                                                 | 304      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Ancient Indian State and<br>Administration                                                | 401      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Historical Archaeology                                                                    | 402      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Human Values                                                                              | 403      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Art of Vindhya and<br>Archaeology                                                         | 403      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Preservation and Date<br>Determination Methods                                            | 404      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Practical Training Viva-Voce                                                              | 404      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| M.A.(AIHC&A) | Viva-Voce                                                                                 | 405      | 2021-22 | To Provide Historical Knowledge<br>Skill and related career                                    |
| B.P.ED.      | History, Principles and foundation of Physical Education                                  | CC-101   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Anatomy and Physiology                                                                    | CC-102   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Health Education and<br>Environmental Studies                                             | CC-103   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Olympic Movement                                                                          | EC-101   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Officiating and Coaching                                                                  | EC-102   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Track and Field (Running Events)                                                          | PC-101   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Swimming/Gymnastics/<br>Shooting                                                          | PC-102   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Indigenous Sports: Kabaddi /<br>Malkhambh/ lezim / March past                             | PC-103   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Mass Demonstration Activities:<br>Kho-Kho / dumbbells / tipri /<br>wands / hoop /umbrella | PC - 104 | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Yoga Education                                                                            | CC-201   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.      | Educational Technology and<br>Methods of Teaching in<br>Physical Education                | CC-202   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |

| B.P.ED.                     | Organization and<br>Administration                                                         | CC-203     | 2021-22 | Developing capability and                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------|------------|---------|------------------------------------------------------------------------------------------------|
| D D ED                      | Octobal Mission accommodate processors in                                                  |            |         | enhancing physical growth of<br>human and career in related areas                              |
| B.P.ED.                     | Contemporary issues in physical education, fitness and wellness                            | EC-201     | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.                     | Sports Nutrition and Weight<br>Management                                                  | EC-202     | 2021-22 | Developing capability and<br>enhancing physical growth of                                      |
| B.P.ED.                     | Track and Field (Jumping Events)                                                           | PC-201     | 2021-22 | human and career in related areas<br>Developing capability and<br>enhancing physical growth of |
| B.P.ED.                     | Yoga/Aerobics/Gymnastics/                                                                  | PC-202     | 2021-22 | human and career in related areas                                                              |
|                             | Swimming                                                                                   | PC-202     | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.                     | Racket Sports: Badminton/<br>Table Tennis/ Squash/ Tennis                                  | PC-203     | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.P.ED.                     | Teaching Practices (05lessons in class room teaching and 05 lessons in outdoor activities) | TP - 201   | 2021-22 | Developing capability and<br>enhancing physical growth of<br>human and career in related areas |
| B.Sc. (Hons)<br>Chemistry   | 101: Inorganic Chemistry-I                                                                 | 101        | 2021-22 | Research and Employability                                                                     |
| B.Sc. (Hons)<br>Chemistry   | 102: Calculus/or Biomolecules                                                              | 102        | 2021-22 | Research and Employability                                                                     |
| B.Sc. (Hons)<br>Chemistry   | 103: Mathematical Methods in Chemistry                                                     | 103        | 2021-22 | Research and Employability                                                                     |
| B.Sc. (Hons)<br>Chemistry   | 104: English                                                                               | 104        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons) Chemistry       | 201: Organic Chemistry-I                                                                   | 201        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons) Chemistry       | 202: Algebra and Geometry/or<br>Cell Biology                                               | 202        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons) Chemistry       | 203: Life Science/Biology-I                                                                | 203        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons) Chemistry       | 204: Environment Science                                                                   | 204        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons)<br>Biochemistry | 101: Biomolecules                                                                          | 101        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons)<br>Biochemistry | 102: Inorganic Chemistry-I                                                                 | 102        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons) Biochemistry    | 103: Biochemical Techniques                                                                | 103        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons)<br>Biochemistry | 104: English                                                                               | 104        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons)<br>Biochemistry | 201: Cell Biology                                                                          | 201        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons)<br>Biochemistry | 202: Bioorganic Chemistry                                                                  | 202        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons)<br>Biochemistry | 203: Biochemical basis of<br>Diseases                                                      | 203        | 2021-22 | Research and Employability                                                                     |
| B.Sc.(Hons)<br>Biochemistry | 204: Environment Science                                                                   | 204        | 2021-22 | Research and Employability                                                                     |
| M.Com.                      | Managerial Economis                                                                        | 301        | 2021-22 | Focused on Employability                                                                       |
| M.Com.                      | Tax Planning and Management                                                                | 302        | 2021-22 | Focused on Employability                                                                       |
| M.Com.                      | Entreprenureship Skill<br>Development                                                      | 303        | 2021-22 | Focused on Employability                                                                       |
| M.Com.                      | Marketing Management                                                                       | 303        | 2021-22 | Focused on Employability                                                                       |
| M.Com.                      | Acconting for Managerial<br>Decisions                                                      | 304        | 2021-22 | Focused on Employability                                                                       |
| M.Com.                      | Comprehensive Viva-Voce                                                                    | 305        | 2021-22 | Focused on Employability                                                                       |
| M.Com.<br>M.Com.            | Corporate Accounting  Cost Administration and                                              | 401<br>402 | 2021-22 | Focused on Employability Focused on Employability                                              |
| M.Com.                      | Control Accounting Theory                                                                  | 403        | 2021-22 | Focused on Employability                                                                       |
|                             |                                                                                            |            |         |                                                                                                |

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| M.Com.                               | Finanacial Management                               | 403   | 2021-22 | Focused on Employability                                                                                        |
|--------------------------------------|-----------------------------------------------------|-------|---------|-----------------------------------------------------------------------------------------------------------------|
| M.Com.                               | Institutional Accounting                            | 404   | 2021-22 | Focused on Employability                                                                                        |
| M.Com.                               | Comprehensive Viva-Voce                             | 405   | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Financial Accounting                                | C-1   | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Business Organization and Communication             | M-1   | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Business Economics                                  | GE-1  | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Banking and Insurance                               | GE-2  | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Fundamental of Business                             | GE-3  | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | English + Hindi                                     | AEC-1 | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Environmental Studies + Digital<br>Awareness        | AEC-2 | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Advanced Financial Accounting                       | C-2   | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Business regulatory Framework                       | M-2   | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Business Maths                                      | GE-1  | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Indian Economy                                      | GE-2  | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Fundamental of Accounting                           | GE-3  | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | Environmental Studies + Digital<br>Awareness        | AEC-1 | 2021-22 | Focused on Employability                                                                                        |
| B.Com.(Hons)                         | English + Hindi                                     | AEC-2 | 2021-22 | Focused on Employability                                                                                        |
| B.A. (Hons) Public<br>Administration | Principles of Public<br>Administration              | 101   | 2021-22 | Employability and Awareness<br>about the evolution and growth of<br>the disciplines of Public<br>Administration |
| B.A. (Hons) Public<br>Administration | Principles of Political Science                     | 102   | 2021-22 | Employability and Awareness<br>about the evolution and growth of<br>the disciplines of Public<br>Administration |
| B.A. (Hons) Public<br>Administration | Introduction of Personnel<br>Management             | 103   | 2021-22 | Employability and Awareness<br>about the evolution and growth of<br>the disciplines of Public<br>Administration |
| B.A. (Hons) Public<br>Administration | English                                             | 104   | 2021-22 | Employability and Awareness<br>about the evolution and growth of<br>the disciplines of Public<br>Administration |
| B.A. (Hons) Public<br>Administration | Administrative Theory                               | 201   | 2021-22 | Employability and Awareness<br>about the evolution and growth of<br>the disciplines of Public<br>Administration |
| B.A. (Hons) Public<br>Administration | National Movement and<br>Constitutional Development | 202   | 2021-22 | Employability and Awareness<br>about the evolution and growth of<br>the disciplines of Public<br>Administration |
| B.A. (Hons) Public<br>Administration | Human Rights and Environment                        | 203   | 2021-22 | Employability and Awareness<br>about the evolution and growth of<br>the disciplines of Public<br>Administration |
| B.A. (Hons) Public<br>Administration | Environment                                         | 204   | 2021-22 | Employability and Awareness<br>about the evolution and growth of<br>the disciplines of Public<br>Administration |

Atul Pandry

Director IQAC (NAAC) A.P.S. University, Rewa (M.P. Registrar

A.P.S. University, Rewa (M.P.)

# AWADHESH PRATAP SINGH UNIVERSITY, REWA (M.P.)

#### List of New Courses at the University Departments

The following number of new courses introduced of the total number of courses across all programs offered by the University during the year 2020-21

| S.No. | Name of the new course introduced                    | Name of the      |
|-------|------------------------------------------------------|------------------|
|       |                                                      | Programme        |
| 1.    | 101: Sources of Ancient Indian History               | M.A.(A.I.H.C.A.) |
| 2.    | 102: Indian Pre-History                              | M.A.(A.I.H.C.A.) |
| 3.    | 103: Political History of North India-I              | M.A.(A.I.H.C.A.) |
| 4.    | 104: Art Heritage of India                           | M.A.(A.I.H.C.A.) |
| 5.    | 105: Viva-Voce                                       | M.A.(A.I.H.C.A.) |
| 6.    | 201: Political History of North India-II             | M.A.(A.I.H.C.A.) |
| 7.    | 202: Political History of South India                | M.A.(A.I.H.C.A.) |
| 8.    | 203: Proto History of India                          | M.A.(A.I.H.C.A.) |
| 9.    | 204: Elements of Sculptures and Iconography          | M.A.(A.I.H.C.A.) |
| 10.   | 205: Viva-Voce                                       | M.A.(A.I.H.C.A.) |
| 11.   | Concept and Principles of Tourism                    | M.B.A.(TA)       |
| 12.   | Principles and Practices of Management               | M.B.A.(TA)       |
| 13.   | Tourism Products and Resources                       | M.B.A.(TA)       |
| 14.   | Policy & planning in Tourism                         | M.B.A.(TA)       |
| 15.   | Computer Application                                 | M.B.A.(TA)       |
| 16.   | Communication Skill                                  | M.B.A.(TA)       |
| 17.   | Indian Art & Culture                                 | M.B.A.(TA)       |
| 18.   | Viva-Voce                                            | M.B.A.(TA)       |
| 19.   | Travel Agency Management                             | M.B.A.(TA)       |
| 20.   | Research Methodology                                 | M.B.A.(TA)       |
| 21.   | Organisational Behaviour                             | M.B.A.(TA)       |
| 22.   | Tourism Marketing                                    | M.B.A.(TA)       |
| 23.   | Human Resource Management                            | M.B.A.(TA)       |
| 24.   | Financial Management                                 | M.B.A.(TA)       |
| 25.   | Event Management & MICE                              | M.B.A.(TA)       |
| 26.   | Viva-Voce Comprehensive                              | M.B.A.(TA)       |
| 27.   | 101 Management Concepts & Practices                  | MBA              |
| 28.   | 102 Quantitative Methods                             | MBA              |
| 29.   | 103 Managerial Economics                             | MBA              |
| 30.   | 104 Business Environment                             | MBA              |
| 31.   | 105 Business Communication                           | MBA              |
| 32.   | 106 Accounting for Managers                          | MBA              |
| 33.   | 107 ICT & E-Business Fundamentals                    | MBA              |
| 34.   | 108 Organisational Behaviour & Industrial Psychology | MBA              |
| 35.   | 201 Indian Ethos & Ethics Management                 | MBA              |



| 36.        | 202 Bassarch Mathadalana                                           | N. C.          |
|------------|--------------------------------------------------------------------|----------------|
|            | 202 Research Methodology                                           | MBA            |
| 37.<br>38. | 203 Human Resource Management                                      | MBA            |
| 39.        | 204 Financial Management                                           | MBA            |
| 40.        | 205 Marketing Management 206 Production & Operations Management    | MBA            |
| 41.        | 207 Business Legislation                                           | MBA            |
| 42.        | 208 International Business Environment                             | MBA<br>MBA     |
| 43.        | CP-301: Operation Research                                         |                |
| 44.        | CP-301: Operation Research CP-302: Decision Support System and MIS | MBA            |
| 00.77700.0 |                                                                    | MBA            |
| 45.        | CP-303: Business Legislation                                       | MBA            |
| 46.        | CP-304: Summer Training Project                                    | MBA            |
| 47.        | CP-305: Consumer Behaviour                                         | MBA            |
| 48.        | CP-306: Sales and Distribution Management                          | MBA            |
| 49.        | CP-401: Strategic Management                                       | MBA            |
| 50.        | CP-403: Viva voce                                                  | MBA            |
| 51.        | CP-404: Advertising Management                                     | MBA            |
| 52.        | CP-405: International Marketing                                    | MBA            |
| 53.        | CP-406: Marketing of Services                                      | MBA            |
| 54.        | Principle and Practice of Management                               | MBA(IR & PM)   |
| 55.        | Organizational Behaviour and Industrial Psychology                 | MBA(IR & PM)   |
| 56.        | Research Methodology and Statistical Techniques                    | MBA(IR & PM)   |
| 57.        | Business Communication                                             | MBA(IR & PM)   |
| 58.        | Personnel Management                                               | MBA(IR & PM)   |
| 59.        | Labour Welfare and Quality of Work life                            | MBA(IR & PM)   |
| 60.        | Human Resource Management & Total Quality Management               | MBA(IR & PM)   |
| 61.        | Computer Application                                               | MBA(IR & PM)   |
| 62.        | Industrial Law-I                                                   | MBA(IR & PM)   |
| 63.        | Managerial Economics & Business Environment                        | MBA(IR & PM)   |
| 64.        | Management of Trade Union                                          | MBA(IR & PM)   |
| 65.        | Labour Costing & Compensation Management                           | MBA(IR & PM)   |
| 66.        | Business Legislation                                               | MBA(IR & PM)   |
| 67.        | Training & Development                                             | MBA(IR & PM)   |
| 68.        | Knowledge Management & Business Ethics                             | MBA(IR & PM)   |
| 69.        | Applied Management (A) & Employee Counselling (B)                  | MBA(IR & PM)   |
| 70.        | Labour Management                                                  | MBA(IR & PM)   |
| 71.        | Summer Internship Dissertation & Viva Voce                         | MBA(IR & PM)   |
| 72.        | Industrial Relations                                               | MBA(IR & PM)   |
|            | C M                                                                | MBA(IR & PM)   |
| 73.        | Strategic Management                                               | MBA(IK & I MI) |



| 75.  | Human Resource Management in International Global<br>Environment (A) & Safety and Service Management (B) | MBA(IR & PM)            |
|------|----------------------------------------------------------------------------------------------------------|-------------------------|
| 76.  | Management of Organizational Change & Development                                                        | MBA(IR & PM)            |
| 77.  | Comprehensive Viva Voce                                                                                  | MBA(IR & PM)            |
| 78.  | 101 Business Economics-I                                                                                 | M.A(Business Economics) |
| 79.  | 102 Statistics: Theory & Practice-I                                                                      | M.A(Business Economics) |
| 80.  | 103 Business Environment & Business Policy-I                                                             | M.A(Business Economics) |
| 81.  | 104 International Economics-I                                                                            | M.A(Business Economics) |
| 82.  | 201 Business Economics-II                                                                                | M.A(Business Economics) |
| 83.  | 202 Statistics: Theory & Practice-II                                                                     | M.A(Business Economics) |
| 84.  | 203 Business Environment & Business Policy-II                                                            | M.A(Business Economics) |
| 85.  | 204 International Economics-II                                                                           | M.A(Business Economics) |
| 86.  | PAPER- CC-PGDCA-101- Computer Fundamentals                                                               | PGDCA                   |
| 87.  | PAPER- DEC- PGDCA -102-(A) Programming in "C"                                                            | PGDCA                   |
| 88.  | PAPER- DEC- PGDCA -102-(B) Multimedia Application                                                        | PGDCA                   |
| 89.  | PAPER- DEC- PGDCA-103-(A)Analysis and Design of Information System                                       | PGDCA                   |
| 90.  | PAPER- DEC- PGDCA-103-(B) E-Commerce and E-Governance                                                    | PGDCA                   |
| 91.  | PAPER -GE- PGDCA-104-Office Automation S/W Tools                                                         | PGDCA                   |
| 92.  | Lab-I                                                                                                    | PGDCA                   |
| 93.  | Lab-II                                                                                                   | PGDCA                   |
| 94.  | Comprehensive Viva Voce                                                                                  | PGDCA                   |
| 95.  | PAPER- DEC- PGDCA-201-(A) Java Programming                                                               | PGDCA                   |
| 96.  | PAPER- DEC- PGDCA-201-(B) Web Technology                                                                 | PGDCA                   |
| 97.  | PAPER- DEC- PGDCA-202-(A) Computer Network                                                               | PGDCA                   |
| 98.  | PAPER- DEC- PGDCA-202-(B) Big Data Analysis                                                              | PGDCA                   |
| 99.  | PAPER -GE- PGDCA-203-DBMS                                                                                | PGDCA                   |
| 100. | Lab-I                                                                                                    | PGDCA                   |
| 101. | Lab-II                                                                                                   | PGDCA                   |
| 102. | Application Project                                                                                      | PGDCA                   |
| 103. | Comprehensive Viva Voce                                                                                  | PGDCA                   |
| 104. | PAPER- CC-MSCS-101- Discrete Mathematics                                                                 | M.Sc.(CS)               |
| 105. | PAPER- CC- MSCS-102- Computer System Architecture                                                        | M.Sc.(CS)               |
| 106. | PAPER- DEC- MSCS-103- (A) Data Structure Using-C                                                         | M.Sc.(CS)               |



| 107. | PAPER -DEC- MSCS-103- (B) Web Technology                   | M.Sc.(CS)   |
|------|------------------------------------------------------------|-------------|
| 108. | PAPER- DEC- MSCS-104-(A) Numerical Methods                 | M.Sc.(CS)   |
| 109. | PAPER- DEC- MSCS- 104-(B) E-Commerce and E-Governance      | M.Sc.(CS)   |
| 110. | PAPER- GE- MSCS-105- DBMS                                  | M.Sc.(CS)   |
| 111. | Lab-I                                                      | M.Sc.(CS)   |
| 112. | Lab-II                                                     | M.Sc.(CS)   |
| 113. | Comprehensive Viva Voce                                    | M.Sc.(CS)   |
| 114. | PAPER- CC-MSCS-201- System Software                        | M.Sc.(CS)   |
| 115. | PAPER- CC- MSCS-202- Software Engineering                  | M.Sc.(CS)   |
| 116. | PAPER- DEC- MSCS-203- (A) Object Oriented<br>Programming   | M.Sc.(CS)   |
| 117. | PAPER -DEC- MSCS-203- (B) Programming in Python            | M.Sc.(CS)   |
| 118. | PAPER- DEC- MSCS- 204-(A) Computer Network                 | M.Sc.(CS)   |
| 119. | PAPER- DEC- MSCS- 204-(B) Big Data Analysis                | M.Sc.(CS)   |
| 120. | PAPER- GE- MSCS-205- Advanced Programming Language         | M.Sc.(CS)   |
| 121. | Lab-I                                                      | M.Sc.(CS)   |
| 122. | Lab-II                                                     | M.Sc.(CS)   |
| 123. | Comprehensive Viva Voce                                    | M.Sc.(CS)   |
| 124. | PAPER- CC-MSCS-301- Operating System                       | M.Sc.(CS)   |
| 125. | PAPER- CC- MSCS-302- Computer Graphics & Multimedia        | M.Sc.(CS)   |
| 126. | PAPER- DEC- MSCS-303- (A) Theory of Computation            | M.Sc.(CS)   |
| 127. | PAPER -DEC- MSCS-303- (B) AI & Machine Learning            | M.Sc.(CS)   |
| 128. | PAPER- DEC- MSCS-304-(A) Advanced Computer architecture    | M.Sc.(CS)   |
| 129. | PAPER- DEC- MSCS-304-(B) Information & Network<br>Security | M.Sc.(CS)   |
| 130. | PAPER- GE- MSCS-305- Java Programming                      | M.Sc.(CS)   |
| 131. | Lab-I                                                      | M.Sc.(CS)   |
| 132. | Lab-II                                                     | M.Sc.(CS)   |
| 133. | Comprehensive Viva Voce                                    | M.Sc.(CS)   |
| 134. | MSCS-401-Major Project/Dissertation External Evaluation    | M.Sc.(CS)   |
| 135. | MSCS-402-Major Project/Dissertation Internal Evaluation    | M.Sc.(CS)   |
| 136. | Comprehensive Viva Voce                                    | M.Sc.(CS)   |
| 137. | PAPER- CC-MTECH-101- Advanced Computational                | M.Tech.(CS) |



| 138.         | PAPER- CC- MTECH-102-Advanced Data Structures and<br>Algorithm    | M.Tech.(CS) |
|--------------|-------------------------------------------------------------------|-------------|
| 139.         | PAPER- CC- MTECH -103-Advanced Computer<br>Architecture           | M.Tech.(CS) |
| 140.         | PAPER -CC- MTECH -104-Advanced Computer<br>Networking             | M.Tech.(CS) |
| 141.         | PAPER- GE- MTECH -105-Object Oriented Technology                  | M.Tech.(CS) |
| 142.         | Lab-I                                                             | M.Tech.(CS) |
| 143.         | Lab-II                                                            | M.Tech.(CS) |
| 144.         | Comprehensive Viva Voce                                           | M.Tech.(CS) |
| 145.         | PAPER- CC-MTECH-201- Knowledge Representation                     | M.Tech.(CS) |
| 146.         | PAPER- CC- MTECH-202-Advanced Operating Systems                   | M.Tech.(CS) |
| 147.         | PAPER- CC- MTECH-203-Data Mining and Warehousing                  | M.Tech.(CS) |
| 148.         | PAPER -DCE- MTECH-204-(A)Software Testing & Quality Assurance     | M.Tech.(CS) |
| 149.         | PAPER -DCE- MTECH-204-(B)Enterprise Resource<br>Planning          | M.Tech.(CS) |
| 150.         | PAPER -DCE- MTECH-204-(C)Web Technology & Java<br>Security        | M.Tech.(CS) |
| 151.         | PAPER- GE- MTECH-205-Advanced Database Management<br>System       | M.Tech.(CS) |
| 152.         | Lab-I                                                             | M.Tech.(CS) |
| 153.         | Lab-II                                                            | M.Tech.(CS) |
| 154.         | Comprehensive Viva Voce                                           | M.Tech.(CS) |
| 155.         | PAPER- DCE-MTECH-301(A)- Cloud Computing                          | M.Tech.(CS) |
| 156.         | PAPER- DCE- MTECH-301(B)-Legal Aspects of<br>Information Security | M.Tech.(CS) |
| 157.         | PAPER- DCE- MTECH -302(A)- Network Security                       | M.Tech.(CS) |
| 158.         | PAPER -DCE- MTECH -302(B)- Mobile & Wireless<br>Systems           | M.Tech.(CS) |
| 159.         | PAPER -DCE- MTECH -302(C)- Software Reuse & Customization         | M.Tech.(CS) |
| 160.         | PAPER- CC-MTECH-303- Dissertation Part-I                          | M.Tech.(CS) |
| 161.         | PAPER- GE- MTECH -304-Internet of Things (IoT)                    | M.Tech.(CS) |
| 162.         | Comprehensive Viva Voce                                           | M.Tech.(CS) |
| 163.         | PAPER- CC-MTECH-401- Dissertation Part-II                         | M.Tech.(CS) |
| 164.         | PAPER- CC-MTECH-402- Data Science                                 | M.Tech.(CS) |
| 165.         | Comprehensive Viva Voce                                           | M.Tech.(CS) |
|              | Computer Organization                                             | MCA         |
| 166.         |                                                                   |             |
| 166.<br>167. | Mathematical Foundation of Computer Science                       | MCA         |



| 169. | Problem Solving using C & C++                    | MCA                 |
|------|--------------------------------------------------|---------------------|
| 170. | DBMS                                             | MCA                 |
| 171. | Lab I Programming in C & C++                     | MCA                 |
| 172. | Lab II DBMS                                      | MCA                 |
| 173. | Design and Analysis of Algorithms                | MCA                 |
| 174. | Numerical Analysis & Optimization Techniques     | MCA                 |
| 175. | Java Programming & Technologies                  | MCA                 |
| 176. | Computer Graphics & Visulization                 | MCA                 |
| 177. | Elective I (Any of the following)                | MCA                 |
| 178. | (i) Artificial Intelligence                      | MCA                 |
| 179. | (ii) Cloud Computing                             | MCA                 |
| 180. | (iii) Software Engineering                       | MCA                 |
| 181. | Lab I- Java Programming                          | MCA                 |
| 182. | Lab II- Computer Graphics                        | MCA                 |
| 183. | Paper I: Inorganic Chemistry I                   | M.Sc.(Chemistry)    |
| 184. | Paper II: Organic Chemistry I                    | M.Sc.(Chemistry)    |
| 185. | Paper III: Physical Chemistry I                  | M.Sc.(Chemistry)    |
| 186. | Paper IV:(a) Mathematics for Chemists1           | M.Sc.(Chemistry)    |
| 187. | Paper IV: (b) Biology for Chemists2              | M.Sc.(Chemistry)    |
| 188. | Paper V:Inorganic Chemistry II                   | M.Sc.(Chemistry)    |
| 189. | Paper VI: Organic Chemistry II                   | M.Sc.(Chemistry)    |
| 190. | Paper VII: Physical Chemistry II                 | M.Sc.(Chemistry)    |
| 191. | Paper VIII: Spectroscopy and Diffraction Methods | M.Sc.(Chemistry)    |
| 192. | Paper-I:Applications of Spectroscopy I           | M.Sc.(Chemistry)    |
| 193. | Paper-II:Photochemistry                          | M.Sc.(Chemistry)    |
| 194. | Paper-III:Polymer Chemistry                      | M.Sc.(Chemistry)    |
| 195. | Paper-IV:Heterocyclic Chemistry                  | M.Sc.(Chemistry)    |
| 196. | Paper-V:Applications of Spectroscopy II          | M.Sc.(Chemistry)    |
| 197. | Paper-VI:Solid State Chemistry                   | M.Sc.(Chemistry)    |
| 198. | Paper-VII:Natural Products                       | M.Sc.(Chemistry)    |
| 199. | Paper-VIII:Organic Synthesis                     | M.Sc.(Chemistry)    |
| 200. | Paper-VIII:Organotransition Metal Chemistry      | M.Sc.(Chemistry)    |
| 201. | Paper-VIII: Analytical Chemistry                 | M.Sc.(Chemistry)    |
| 202. | Paper-VIII:Electrochemistry                      | M.Sc.(Chemistry)    |
| 203. | Paper-VIII:Medicinal Chemistry                   | M.Sc.(Chemistry)    |
| 204. | BCH-101:Bio-Organic Chemistry                    | M.Sc.(Biochemistry) |
| 205. | BCH-102:Cell Biology                             | M.Sc.(Biochemistry) |
| 206. | BCH-103: Human Physiology and Endocrinology      | M.Sc.(Biochemistry) |
| 207. | BCH-104: Biphysical Chemistry & Technology       | M.Sc.(Biochemistry) |
| 208. | Practical                                        | M.Sc.(Biochemistry) |
| 209. | Comprehensive Viva-Voce                          | M.Sc.(Biochemistry) |
| 210. | BCH-201: Enzymology                              | M.Sc.(Biochemistry) |
| 211. | BCH-202: Microbial Biochemistry                  | M.Sc.(Biochemistry) |
| 212. | BCH-203: Molecular Biology                       | M.Sc.(Biochemistry) |



| 213. | BCH-204: Bio statistics and Computational Bioinformatics        | M.Sc.(Biochemistry)            |
|------|-----------------------------------------------------------------|--------------------------------|
| 214. | Practical                                                       | M.Sc.(Biochemistry)            |
| 215. | Comprehensive Viva-Voce                                         | M.Sc.(Biochemistry)            |
| 216. | 101: Cell Biology                                               | M.Sc.(Biotechnology)           |
| 217. | 102: Biochemistry                                               | M.Sc.(Biotechnology)           |
| 218. | 103: Molecular Biology                                          | M.Sc.(Biotechnology)           |
| 219. | 104: Applied Microbiology                                       | M.Sc.(Biotechnology)           |
| 220. | 105: Practical                                                  | M.Sc.(Biotechnology)           |
| 221. | 106: Comprehensive Viva-Voce                                    | M.Sc.(Biotechnology)           |
| 222. | 201: Bioinformatics and Biostatics                              | M.Sc.(Biotechnology)           |
| 223. | 202: Immunotechnology                                           | M.Sc.(Biotechnology)           |
| 224. | 203: Environment Biotechnology                                  | M.Sc.(Biotechnology)           |
| 225. | 204: Biphysical and Molecular Techniques                        | M.Sc.(Biotechnology)           |
| 226. | 205: Practical                                                  | M.Sc.(Biotechnology)           |
| 227. | 206: Comprehensive Viva-Voce                                    | M.Sc.(Biotechnology)           |
| 228. | Ecological Principle                                            | M.Sc.(Environmental<br>Biology |
| 229. | 2. Basic Methods in Ecology                                     | M.Sc.(Environmental<br>Biology |
| 230. | 3. Populations and Biotec Community                             | M.Sc.(Environmental<br>Biology |
| 231. | 4. Earth Environment and Climatology                            | M.Sc.(Environmental Biology    |
| 232. | 5. Practical                                                    | M.Sc.(Environmental<br>Biology |
| 233. | 6. Comprehensive Viva-Voce                                      | M.Sc.(Environmental<br>Biology |
| 234. | 1. Biodiversity Conservation                                    | M.Sc.(Environmental<br>Biology |
| 235. | 2. Ecological Statistics                                        | M.Sc.(Environmental<br>Biology |
| 236. | 3. Environmental Pollution                                      | M.Sc.(Environmental<br>Biology |
| 237. | 4. Global Environmental Issue                                   | M.Sc.(Environmental<br>Biology |
| 238. | 5. Practical                                                    | M.Sc.(Environmental<br>Biology |
| 239. | 6. Comprehensive Viva-Voce                                      | M.Sc.(Environmental<br>Biology |
| 240. | MB:101-Introduction to Microbiology and General<br>Bacteriology | M.Sc.(Microbiology)            |
| 241. | MB:102-Virology and Mycology                                    | M.Sc.(Microbiology)            |
| 242. | MB:103-Cell Biology and Biochemistry                            | M.Sc.(Microbiology)            |
| 243. | MB:104-Microbial Genetics and Molecular Biology                 | M.Sc.(Microbiology)            |
| 244. | MB:105-Practical                                                | M.Sc.(Microbiology)            |
| 245. | MB:106-Comprehensive Viva-Voce                                  | M.Sc.(Microbiology)            |
| 246. | MB:201-Biointrumentation                                        | M.Sc.(Microbiology)            |
| 247. | MB:202-Immuniology                                              | M.Sc.(Microbiology)            |
| 247. | MB:203-Microbial Technology                                     | M.Sc.(Microbiology)            |



| 249. | MB:204-Biostatics, Computer Fundamental and<br>Bioinformatics   | M.Sc.(Microbiology)    |
|------|-----------------------------------------------------------------|------------------------|
| 250. | MB:205-Practical                                                | M.Sc.(Microbiology)    |
| 251. | MB:206-Comprehensive Viva-Voce                                  | M.Sc.(Microbiology)    |
| 252. | 1. Poetry                                                       | M.A.(English)          |
| 253. | 2. Drama                                                        | M.A.(English)          |
| 254. | 3. Fiction                                                      | M.A.(English)          |
| 255. | 4. Prose                                                        | M.A.(English)          |
| 256. | 5. Comprehensive Viva-Voce                                      | M.A.(English)          |
| 257. | Paper-1: Major-British Poetry and Drama 14th and 17th Centuries | M.A.(English)          |
| 258. | Paper-2: Minor-General Psychology                               | M.A.(English)          |
| 259. | Paper-3: Academic Writing and Composition                       | M.A.(English)          |
| 260. | Paper-4: English Communication                                  | M.A.(English)          |
| 261. | Paper-1: Major-Euripian Classical Literature                    | M.A.(English)          |
| 262. | Paper-2: Minor-Community Psychology                             | M.A.(English)          |
| 263. | Paper-3: Media and Communication Skills                         | M.A.(English)          |
| 264. | Paper-4: Environment Studies                                    | M.A.(English)          |
| 265. | 101:प्राचीन एवं मध्यकालीन काव्य तथा उसका इतिहास                 | M.A.(Hindi)            |
| 266. | 102: आधुनिक हिंदी गद्द और उसका इतिहास                           | M.A.(Hindi)            |
| 267. | 103: भारतीय एवं पाश्चात्य काव्यशात्र                            | M.A.(Hindi)            |
| 268. | 104: प्रयोजन मूलक हिंदी                                         | M.A.(Hindi)            |
| 269. | 105: समग्र मौखिकी                                               | M.A.(Hindi)            |
| 270. | 201:प्राचीन एवं मध्यकालीन काव्य तथा उसका इतिहास                 | M.A.(Hindi)            |
| 271. | 202: आधुनिक हिंदी गद्द और उसका इतिहास                           | M.A.(Hindi)            |
| 272. | 203: भारतीय एवं पाश्चात्य काव्यशात्र                            | M.A.(Hindi)            |
| 273. | 204: प्रयोजन मूलक हिंदी                                         | M.A.(Hindi)            |
| 274. | 205: समग्र मौखिकी                                               | M.A.(Hindi)            |
| 275. | MP.101: शोध प्राविधि                                            | M.A.(Hindi)            |
| 276. | MP.102: सम्बंधित क्षेत्र में प्रकाशित शोध समीक्षा               | M.A.(Hindi)            |
| 277. | MP.103: कम्प्यूटर एप्लीकेशन                                     | M.A.(Hindi)            |
| 278. | MP.104: विशिष्ट विषय प्रश्न पत्र -नाटक और रंगमंच                | M.A.(Hindi)            |
| 279. | MP.105: शोध रूप रेखा जमा                                        | M.A.(Hindi)            |
| 280. | MP.106: समग्र शोध मौखिकी                                        | M.A.(Hindi)            |
| 281. | MP.201: सेमिनार                                                 | M.A.(Hindi)            |
| 282. | MP.202: गृहकार्य                                                | M.A.(Hindi)            |
| 283. | MP.203: लघुशोध प्रबंध/परियोजना प्रस्तुतीकरण                     | M.A.(Hindi)            |
| 284. | MP.204: समग्र मौखिकी                                            | M.A.(Hindi)            |
| 285. | MAT-C101: Advanced Abstract Algebra-I                           | M.A./M.Sc.(Mathematics |
| 286. | MAT-C102: Real Analysis                                         | M.A./M.Sc.(Mathematics |
| 287. | MAT-C103: Topology-I                                            | M.A./M.Sc.(Mathematics |
| 288. | MAT-C104: Complex Analysis                                      | M.A./M.Sc.(Mathematics |
| 289. | MAT-C105: Tensor Analysis                                       | M.A./M.Sc.(Mathematics |
| 290. | MAT-C106: Linear Programming Problems                           | M.A./M.Sc.(Mathematics |
| 291. | MAT-C107: Computational Mathematics                             | M.A./M.Sc.(Mathematics |



| 292. | MAT C108: Comprehensive Vive Vess                       | MAGGGGGG                |
|------|---------------------------------------------------------|-------------------------|
| 293. | MAT-C108: Comprehensive Viva-Voce                       | M.A./M.Sc.(Mathematics) |
| 294. | MAT-C201: Advanced Abstract Algebra-II                  | M.A./M.Sc.(Mathematics) |
|      | MAT-C202: Lebesgue Measure and Integration              | M.A./M.Sc.(Mathematics) |
| 295. | MAT-C203: Topology-II                                   | M.A./M.Sc.(Mathematics) |
| 296. | MAT-C204: Differential Geometry                         | M.A./M.Sc.(Mathematics) |
| 297. | MAT-C205: Number Theory                                 | M.A./M.Sc.(Mathematics  |
| 298. | MAT-C206: Wavelet Theory                                | M.A./M.Sc.(Mathematics) |
| 299. | MAT-C207: Quantitative Techniques                       | M.A./M.Sc.(Mathematics  |
| 300. | MAT-C208: Comprehensive Viva-Voce                       | M.A./M.Sc.(Mathematics  |
| 301. | 101 Indian Metaphysics                                  | M.A.(Philosophy)        |
| 302. | 102 Western Metaphysics                                 | M.A.(Philosophy)        |
| 303. | 103 Social Philosophy I                                 | M.A.(Philosophy)        |
| 304. | 104 Advaita Vedant                                      | M.A.(Philosophy)        |
| 305. | 201 Indian Epistemology                                 | M.A.(Philosophy)        |
| 306. | 202 Western Epistemology                                | M.A.(Philosophy)        |
| 307. | 203 Social Philosophy II                                | M.A.(Philosophy)        |
| 308. | 204 Patanjal Yogsutra                                   | M.A.(Philosophy)        |
| 309. | Fundamental of Yoga                                     | M.A.(Yoga)              |
| 310. | Patanjal Yog Sutra                                      | M.A.(Yoga)              |
| 311. | Nutrition and health                                    | M.A.(Yoga)              |
| 312. | Yogic concepts in Principal Upanishad and Yogopanishads | M.A.(Yoga)              |
| 313. | Human Consciousness                                     | M.A.(Yoga)              |
| 314. | Text of Hathyoga                                        | M.A.(Yoga)              |
| 315. | Human anatomy and Physiology                            | M.A.(Yoga)              |
| 316. | Yoga Ethics                                             | M.A.(Yoga)              |
| 317. | 101: History and Philosophy of Social Work              | MSW                     |
| 318. | 102: Human Growth and Development                       | MSW                     |
| 319. | 103: Social Case Work                                   | MSW                     |
| 320. | 104: Social Science Concepts for Social Workers         | MSW                     |
| 321. | 105: Concurrent Field Work & Orientation                | MSW                     |
| 322. | 106: Comprehensive Viva-Voce                            | MSW                     |
| 323. | 201: Social Group Work                                  | MSW                     |
| 324. | 202: Community Organization                             | MSW                     |
| 325. | 203: Labour Legislations and social Security            | MSW                     |
| 326. | 204: Counselling and Communication                      | MSW                     |
| 327. | 205: Concurrent Field work & Study Tour                 | MSW                     |
| 328. | 206: Comprehensive Viva-Voce                            | MSW                     |
| 329. | C-1: Classical Mechanics                                | M.Sc.(Physics)          |
| 330. | C-2: Quantum Mechanics-I                                | M.Sc.(Physics)          |
| 331. | C-3: Electronic Devices                                 | M.Sc.(Physics)          |
| 332. | *GE-1: Mathematical Physics                             | M.Sc.(Physics)          |
| 333. | PL-2: Electronics                                       | M.Sc.(Physics)          |
| 334. | C-4: Quantum Mechanics-II                               | M.Sc.(Physics)          |
|      | 1 C-4: CHARLIUM VICCHAINCS-11                           |                         |



| 336. | C-6: Electrodynamics & Plasma Physics                 | M.Sc.(Physics)   |
|------|-------------------------------------------------------|------------------|
| 337. | GE-2: Atomic & Molecular Physics                      | M.Sc.(Physics)   |
| 338. | PL-4: Electronics                                     | M.Sc.(Physics)   |
| 339. | Paper-101: Cognitive Processes-I                      | M.A.(Psychology) |
| 340. | Paper-102: Psychopathology                            | M.A.(Psychology) |
| 341. | Paper-103: Research Methods-I                         | M.A.(Psychology) |
| 342. | Paper-104: Psychological Assessment                   | M.A.(Psychology) |
| 343. | Paper-105: Practical/Seminar/Assignment               | M.A.(Psychology) |
| 344. | Paper-106: Comprehensive Viva-Voce                    | M.A.(Psychology) |
| 345. | Paper-201: Cognitive Processes-II                     | M.A.(Psychology) |
| 346. | Paper-202: Theories of Personality                    | M.A.(Psychology) |
| 347. | Paper-203: Research Methods-II                        | M.A.(Psychology) |
| 348. | Paper-204: Guidance and Counselling                   | M.A.(Psychology) |
| 349. | Paper-205: Practical/Seminar/Assignment               | M.A.(Psychology) |
| 350. | Paper-206: Comprehensive Viva-Voce                    | M.A.(Psychology) |
| 351. | 101 Management Concepts & Practices                   | MBA(HRD)         |
| 352. | 102 Quantitative Methods                              | MBA(HRD)         |
| 353. | 103 Managerial Economics                              | MBA(HRD)         |
| 354. | 104 Environmental Management                          | MBA(HRD)         |
| 355. | 105 Computer Application                              | MBA(HRD)         |
| 356. | 106 Managerial Skill Development                      | MBA(HRD)         |
| 357. | 107 HRD: Strategies and System*                       | MBA(HRD)         |
| 358. | 108 Comprehensive Viva-Voce                           | MBA(HRD)         |
| 359. | 201 Legal Framework Governing Human Relation          | MBA(HRD)         |
| 360. | 202 Human Resource Management                         | MBA(HRD)         |
| 361. | 203 Business Environment                              | MBA(HRD)         |
| 362. | 204 Function Management                               | MBA(HRD)         |
| 363. | 205 Organizational Change and Intervention Strategies | MBA(HRD)         |
| 364. | 206 Organizational Behaviour                          | MBA(HRD)         |
| 365. | 207Quality of Work Life and Total Quality Management* | MBA(HRD)         |
| 366. | 208 Comprehensive Viva-Voce                           | MBA(HRD)         |

Director
(NAAC)
A.P.S. University. RewarM.P.)

Registrar A.P.S. University Rewa (M.P.)

### AWADHESH PRATAP SINGH UNIVERSITY, REWA (M.P.)

#### List of New Courses at the University Departments

The following number of new courses introduced of the total number of courses across all programs offered by the University during the years 2017-18 to 2019-20

| No.        | Name of the new course introduced                                                                      | Name of the Programme        |
|------------|--------------------------------------------------------------------------------------------------------|------------------------------|
| 1.         | BSCSH-101-Foundation course-I                                                                          | B.Sc.(Hons) Computer Science |
| 2.         | BSCSH-102-Programming fundamentals using C                                                             | B.Sc.(Hons) Computer Science |
| 3.         | BSCSH-103 Computer System Architecture                                                                 | B.Sc.(Hons) Computer Science |
| 4.         | BSCSH-104-Maths's I-Calculus and linear algebra                                                        | B.Sc.(Hons) Computer Science |
| 5.         | BSCSH-105-Physics I- mechanics and properties of matters                                               | B.Sc.(Hons) Computer Science |
| 6.         | BSCSH-106-Lab-I - Problem based on BSCSH102 and                                                        | B.Sc.(Hons) Computer Science |
| 7.         | BSCSH103  BSCSH-107-Lab-II-Problem based on BSCSH104 and BSCSH105                                      | B.Sc.(Hons) Computer Science |
| 8.         | BSCSH-201-Foundation course-II                                                                         | B.Sc.(Hons) Computer Science |
|            | BSCSH-202-Internet technology                                                                          | B.Sc.(Hons) Computer Science |
| 9.         |                                                                                                        | B.Sc.(Hons) Computer Science |
| 10.        | BSCSH-203-Data structure                                                                               | B.Sc.(Hons) Computer Science |
| 11.        | BSCSH-204-Math's II- Calculus and geometry BSCSH-205-physics II-Thermodynamics and statistical physics | B.Sc.(Hons) Computer Science |
| 13.        | BSCSH-206-Lab-I- Problem based on BSCSH202 and BSCSH203                                                | B.Sc.(Hons) Computer Science |
| 14.        | BSCSH-207-Lab-II-Problem based on BSCSH204 and BSCSH205                                                | B.Sc.(Hons) Computer Science |
| 15.        | BSCSH-301-Foundation course-III                                                                        | B.Sc.(Hons) Computer Science |
| 16.        | BSCSH-302-Computer networks                                                                            | B.Sc.(Hons) Computer Science |
| 17.        | BSCSH-303-Database management system and SQL                                                           | B.Sc.(Hons) Computer Science |
| 18.        | BSCSH-304-Math's III- basic Probability and Statistics                                                 | B.Sc.(Hons) Computer Science |
| 19.        | BSCSH-305-Physics III-Optics                                                                           | B.Sc.(Hons) Computer Science |
| 20.        | BSCSH-306-Lab I Problem based on BSCSH302 and BSCSH303                                                 | B.Sc.(Hons) Computer Science |
| 21.        | BSCSH-307-Lab II Problem based on BSCSH304 and BSCSH305                                                | B.Sc.(Hons) Computer Science |
| 22.        | BSCSH-401-Foundation course-IV                                                                         | B.Sc.(Hons) Computer Science |
| 23.        | BSCSH-402-Software engineering                                                                         | B.Sc.(Hons) Computer Science |
| 24.        | BSCSH-403-Discrete mathematics                                                                         | B.Sc.(Hons) Computer Science |
| 25.        | BSCSH-404-Maths IV- Real Analysis and differential equations                                           | B.Sc.(Hons) Computer Science |
| 26.        | BSCSH-405-Physics IV- Quantum Mechanics and solid state                                                | B.Sc.(Hons) Computer Science |
| 27.        | BSCSH-406- Lab I Problem based on BSCSH402 and BSCSH403                                                | B.Sc.(Hons) Computer Science |
| 28.        | BSCSH-407- Lab II Problem based on BSCSH404 and BSCSH405                                               | B.Sc.(Hons) Computer Science |
| 29.        | BSCSH-501-Foundation course V                                                                          | B.Sc.(Hons) Computer Science |
| 30.        | BSCSH-502-Java programming                                                                             | B.Sc.(Hons) Computer Science |
|            | BSCSH-503-System programming                                                                           | B.Sc.(Hons) Computer Science |
| 31.        | BSCSH-504-Cloud Computing                                                                              | B.Sc.(Hons) Computer Science |
| 32.        | BSCSH-505-Design and analysis of algorithm                                                             | B.Sc.(Hons) Computer Science |
| 33.<br>34. | BSCSH-506-Lab I Problem based on BSCSH502 and BSCSH503                                                 | B.Sc.(Hons) Computer Science |



| 35. | BSCSH-507-Lab II Problem based on BSCSH505 and BSCSH505       | B.Sc.(Hons) Computer Science |
|-----|---------------------------------------------------------------|------------------------------|
| 36. | BSCSH-601-Theory of computation                               | B.Sc.(Hons) Computer Science |
| 37. | BSCSH-602-Computer Graphics                                   | B.Sc.(Hons) Computer Science |
| 38. | BSCSH-603Net programming                                      | B.Sc.(Hons) Computer Science |
| 39. | BSCSH-604-Operating system                                    | B.Sc.(Hons) Computer Science |
| 40. | BSCSH-605-Minor project                                       | B.Sc.(Hons) Computer Science |
| 41. | BSCSH-606-Lab I Problem based on BSCSH601 and BSCSH603        | B.Sc.(Hons) Computer Science |
| 42. | BSCSH-607-Lab II Problem based on BSCSH602 and BSCSH604       | B.Sc.(Hons) Computer Science |
| 43. | MP 101: Research Methodology                                  | M.Phil.(Computer Science)    |
| 44. | MP 102: Review of published research paper in relevant fields | M.Phil.(Computer Science)    |
| 45. | MP 103: Computer Applications                                 | M.Phil.(Computer Science)    |
| 46. | MP 104 (I): Data Ware House and Data mining Techniques        | M.Phil.(Computer Science)    |
| 47. | MP 104 (II): Parallel Computing                               | M.Phil.(Computer Science)    |
| 48. | MP 104 (III): Machine Learning                                | M.Phil.(Computer Science)    |
| 49. | MP 105 : Synopsis Submission                                  | M.Phil.(Computer Science)    |
| 50. | MP 106 : Comprehensive Viva Voce                              | M.Phil.(Computer Science)    |
| 51. | MP 201:Seminar                                                | M.Phil.(Computer Science)    |
| 52. | MP 202 :Term/Paper/Assignment                                 | M.Phil.(Computer Science)    |
| 53. | MP 203:Final Dissertation/Project presentation                | M.Phil.(Computer Science)    |
| 54. | MP 204 : Comprehensive Viva Voce                              | M.Phil.(Computer Science)    |
| 55. | FC-I: Hindi Bhasha                                            | B.A. (Philosophy)            |
| 56. | H-1: Indian Philosophy                                        | B.A. (Philosophy)            |
| 57. | H-II: Western Philosophy                                      | B.A. (Philosophy)            |
| 58. | S-I: Ancient Indian History, Culture & Archaeology            | B.A. (Philosophy)            |
| 59. | FC-II: English Language                                       | B.A. (Philosophy)            |
| 60. | S-II: Fundamentals of Ancient Archaeology                     | B.A. (Philosophy)            |
| 61. | FC-III: Environmental Studies                                 | B.A. (Philosophy)            |
| 62. | H-V: Philosophy of Religion                                   | B.A. (Philosophy)            |
| 63. | H-VI: Logic                                                   | B.A. (Philosophy)            |
| 64. | S-III: Ancient Indian Culture                                 | B.A. (Philosophy)            |
| 65. | FC-IV: Basic of Computer and Information Technology           | B.A. (Philosophy)            |
| 66. | H-VIII: Social Philosophy                                     | B.A. (Philosophy)            |
| 67. | S-IV: Ancient Indian Religion and Philosophy                  | B.A. (Philosophy)            |
| 68. | H-IX: Contemporary Indian Philosophy                          | B.A. (Philosophy)            |
| 69. | H-X: Contemporary Western Philosophy                          | B.A. (Philosophy)            |
| 70. | H-XI: Ethics                                                  | B.A. (Philosophy)            |
| 71. | H-XII: Yoga Darshan                                           | B.A. (Philosophy)            |
| 72. | H-XIII: Indain Religion                                       | B.A. (Philosophy)            |
| 73. | H-XIV: Vedant                                                 | B.A. (Philosophy)            |
| 74. | H-XVI: Comprehensive Viva                                     | B.A. (Philosophy)            |
| 75. | [i] Fundamentals of Yoga                                      | M.A.in Yoga                  |
| 76. | [ii] Texts of Hathyoga                                        | M.A.in Yoga                  |
| 77. | [iii] Patanjali Yoga Sutra                                    | M.A.in Yoga                  |
| 78. | [iv] Human Consciousness                                      | M.A.in Yoga                  |
| 79. | [v] Human Anatomy and Psychology                              | M.A.in Yoga                  |
| 80. | [vi] Yoga and Health                                          | M.A.in Yoga                  |
| 81. | [vii] Fundamentals of Yogic Psychotherapy                     | M.A.in Yoga                  |
| 82. | [viii]Research Methodology                                    | M.A.in Yoga                  |
| 83. | [ix]Naturopathy and Ayurveda                                  | M.A.in Yoga                  |
| 84. | [x]Shiva Samhita                                              | M.A.in Yoga                  |



| 85.  | 101-Introduction of Ancient Indian History, Culture &<br>Archaeology          | B.A.(Hons) AIHC&A                  |
|------|-------------------------------------------------------------------------------|------------------------------------|
| 86.  | 102-Indian Philosophy-I                                                       | DA (Hone) AHIC & A                 |
| 87.  | 103-Ancient Indian Human Value                                                | B.A.(Hons) AIHC&A                  |
| 88.  | 104-English                                                                   | B.A.(Hons) AHIC&A                  |
| 89.  | 201-Methods of Archaeology                                                    | B.A.(Hons) AIHC&A                  |
| 90.  | 202-Indian Philosophy-II                                                      | B.A.(Hons) AIHC&A                  |
| 91.  | 203-Heritage Management in India                                              | B.A.(Hons) AIHC&A                  |
| 92.  | 204-Environment                                                               | B.A.(Hons) AIHC&A                  |
| 93.  | 101:Hindi Bhasha                                                              | B.A.(Hons) AIHC&A                  |
| 94.  |                                                                               | BBA (Tourism and Hospitality)      |
| 95.  | 102: Basics of Tourism & Hospitality 103: Indian Culture and Art              | BBA (Tourism and Hospitality)      |
| 96.  |                                                                               | BBA (Tourism and Hospitality)      |
| 97.  | 104: Principals of Management                                                 | BBA (Tourism and Hospitality)      |
| 98.  | 105: Tourism Geography                                                        | BBA (Tourism and Hospitality)      |
|      | 201: English Language                                                         | BBA (Tourism and Hospitality)      |
| 99.  | 202: Tourism product of India-I (Natural)                                     | BBA (Tourism and Hospitality)      |
| 100. | 203:Transport System Management                                               | BBA (Tourism and Hospitality)      |
| 101. | 204:Communication Skill and Personality Development                           | BBA (Tourism and Hospitality)      |
| 102. | 205: Tourism in India                                                         | BBA (Tourism and Hospitality)      |
| 103. | 301: Tourism Administration in India                                          | BBA (Tourism and Hospitality)      |
| 104. | 302:Tourism Documentation                                                     | BBA (Tourism and Hospitality)      |
| 105. | 303: Consumer Behaviour in Tourism                                            | BBA (Tourism and Hospitality)      |
| 106. | 304: Tourism product of India-II (Natural)                                    | BBA (Tourism and Hospitality)      |
| 107. | 305:Computer Application in Tourism                                           | BBA (Tourism and Hospitality)      |
| 108. | 401: Hospitality and Tourism Marketing                                        | BBA (Tourism and Hospitality)      |
| 109. | 402: Travel Agency and Tour Operation Business                                | BBA (Tourism and Hospitality)      |
| 110. | 403: Pilgrimage Tourism in India                                              | BBA (Tourism and Hospitality)      |
| 111. | 404: Eco and Adventure Tourism                                                | BBA (Tourism and Hospitality)      |
| 112. | 405: Field Trip Report and viva-voce                                          | BBA (Tourism and Hospitality)      |
| 113. | 501: HRM in Tourism                                                           | BBA (Tourism and Hospitality)      |
| 114. | 502: Hotel & Resort Management                                                | BBA (Tourism and Hospitality)      |
| 115. | 503: Tour Guiding and Escorting skills                                        | BBA (Tourism and Hospitality)      |
| 116. | 504: Hospitality Management                                                   | BBA (Tourism and Hospitality)      |
| 117. | 505: Foreign Language-French                                                  | BBA (Tourism and Hospitality)      |
| 118. | 601: Aviation Travel Management                                               | BBA (Tourism and Hospitality)      |
| 119. | 602: Sustainable Tourism Management                                           | BBA (Tourism and Hospitality)      |
| 120. | 603: Hospitality Communicative English                                        | BBA (Tourism and Hospitality)      |
| 121. | 604: Training in any of the Tourism and Hospitality areas/Report Presentation | BBA (Tourism and Hospitality)      |
| 122. | 605: Compressive & Viva-Voce                                                  | BBA (Tourism and Hospitality)      |
| 123. | Organic and Inorganic Chemistry                                               | B.Sc.(Hons) Chemistry/BioChemistry |
| 124. | Elements of Biochemistry                                                      | B.Sc.(Hons) Chemistry/BioChemistry |
| 125. | Organic & Physical Chemistry                                                  | B.Sc.(Hons) Chemistry/BioChemistry |
| 126. | Physical & Inorganic Chemistry                                                | B.Sc.(Hons) Chemistry/BioChemistry |
| 127. | Organic & Inorganic Chemistry                                                 | B.Sc.(Hons) Chemistry/BioChemistry |
| 128. | Advanced Chemistry-I                                                          | B.Sc.(Hons) Chemistry/BioChemistry |
| 129. | Advanced Chemistry -II                                                        | B.Sc.(Hons) Chemistry/BioChemistry |
| 130. | Industrial Chemistry                                                          | B.Sc.(Hons) Chemistry/BioChemistry |
| 131. | Complex and Polymer Chemistry                                                 | B.Sc.(Hons) Chemistry/BioChemistry |
| 132. | Spectroscopy and Organometallic Chemistry                                     | B.Sc.(Hons) Chemistry/BioChemistry |
| 133. | TECHNIQUES & INSTRUMENTATION                                                  | B.Sc.(Hons) Chemistry/BioChemistry |
| 134. | ENVIORNMENTAL CHEMISTRY                                                       | B.Sc.(Hons) Chemistry/BioChemistry |
| 135. | Pharmaceutical Chemistry                                                      | B.Sc.(Hons) Chemistry/BioChemistry |
| 136. | Biochemistry                                                                  | B.Sc.(Hons) Chemistry/BioChemistry |
| 137. | Chemistry I                                                                   | B.Sc.(Hons) Chemistry/BioChemistry |



| 138. | Techniques & Instrumentation                      | B.Sc.(Hons) Chemistry/BioChemistry |
|------|---------------------------------------------------|------------------------------------|
| 139. | Chemistry - II                                    | B.Sc.(Hons) Chemistry/BioChemistry |
| 140. | Physiology                                        | B.Sc.(Hons) Chemistry/BioChemistry |
| 141. | Molecular Biology                                 | B.Sc.(Hons) Chemistry/BioChemistry |
| 142. | Enzymes                                           | B.Sc.(Hons) Chemistry/BioChemistry |
| 143. | Genetic Engineering                               | B.Sc.(Hons) Chemistry/BioChemistry |
| 144. | Clinical Biochemistry                             | B.Sc.(Hons) Chemistry/BioChemistry |
| 145. | Metabolism                                        | B.Sc.(Hons) Chemistry/BioChemistry |
| 146. | Industrial Biochemistry                           | B.Sc.(Hons) Chemistry/BioChemistry |
| 147. | Pharmaceutical Chemistry                          | B.Sc.(Hons) Chemistry/BioChemistry |
| 148. | Food & Nutrition                                  | B.Sc.(Hons) Chemistry/BioChemistry |
| 149. | MP.101: शोध प्राविधि                              | M.Phil. (Hindi)                    |
| 150. | MP.102: सम्बंधित क्षेत्र में प्रकाशित शोध समीक्षा | M.Phil. (Hindi)                    |
| 151. | MP.103: कम्प्यूटर एप्लीकेशन                       | M.Phil. (Hindi)                    |
| 152. | MP.104: विशिष्ट विषय प्रश्न पत्र- नाटक और रंगमंच  | M.Phil. (Hindi)                    |
| 153. | MP.105: शोध रूप रेखा जमा                          | M.Phil. (Hindi)                    |
|      |                                                   |                                    |
| 154. | MP.106: समग्र शोध मौखिकी                          | M.Phil. (Hindi)                    |
| 155. | MP.201: सेमिनार                                   | M.Phil. (Hindi)                    |
| 156. | MP.202: गृहकार्य                                  | M.Phil. (Hindi)                    |
| 157. | MP.203: लघुशोध प्रबंध/परियोजना प्रस्तुतीकरण       | M.Phil. (Hindi)                    |
| 158. | MP.204: समग्र मौखिकी                              | M.Phil. (Hindi)                    |
| 159. | 1.Hindi Bhasha                                    | B.A.(Hons) Philosophy              |
| 160. | 2. Indian Philosophy-I                            | B.A.(Hons) Philosophy              |
| 161. | 3. Western Philosophy-I                           | B.A.(Hons) Philosophy              |
| 162. | 4. Ancient Indian History                         | B.A.(Hons) Philosophy              |
| 163. | 1. English Language                               | B.A.(Hons) Philosophy              |
| 164. | 2. Indian Philosophy-II                           | B.A.(Hons) Philosophy              |
| 165. | 3. Western Philosophy-II                          | B.A.(Hons) Philosophy              |
| 166. | 4. Fundamentals of Ancient Archaeology            | B.A.(Hons) Philosophy              |
| 167. | 1. Environmental Studies                          | B.A.(Hons) Philosophy              |
| 168. | 2. Philosophy of Religion -I                      | B.A.(Hons) Philosophy              |
| 169. | 3. Logic                                          | B.A.(Hons) Philosophy              |
| 170. | 4. Ancient Indian Culture                         | B.A.(Hons) Philosophy              |
| 171. | 1. Basic Computer and Information Technology      | B.A.(Hons) Philosophy              |
| 172. | 2. Philosophy of Religion-II                      | B.A.(Hons) Philosophy              |
| 173. | 3. Social Philosophy                              | B.A.(Hons) Philosophy              |
| 174. | 4. Ancient Indian Religion and Philosophy         | B.A.(Hons) Philosophy              |
| 175. | 1. Contemporary Indian Philosophy                 | B.A.(Hons) Philosophy              |
| 176. | 2. Contemporary Western Philosophy                | B.A.(Hons) Philosophy              |
| 177. | 3. Ethics                                         | B.A.(Hons) Philosophy              |
| 178. | 4. Project                                        | B.A.(Hons) Philosophy              |
| 179. | 1. Yoga Darshan                                   | B.A.(Hons) Philosophy              |
| 180. | 2. Indian Religion                                | B.A.(Hons) Philosophy              |
| 181. | 3. Vedanta                                        | B.A.(Hons) Philosophy              |
| 182. | 4. Comprehensive Viva                             | B.A.(Hons) Philosophy              |
| 183. | Literature Review                                 | M.Phil. (Physics)                  |
| 184. | Research Methodology                              | M.Phil. (Physics)                  |
| 185. | Fundamental of Astrophysics                       | M.Phil. (Physics)                  |
| 186. | fundamental of Material Science                   | M.Phil. (Physics)                  |
| 187. | Solar Terrestrial Physics                         | M.Phil. (Physics)                  |
| 188. | Physics of Materials                              | M.Phil. (Physics)                  |
| 189. | Dissertation                                      | M.Phil. (Physics)                  |
| 190. | Viva Voce                                         | M.Phil. (Physics)                  |



| 191. | Paper-1: Research Methodology and Computer<br>Application   | M.Phil. (Mathematics) |
|------|-------------------------------------------------------------|-----------------------|
| 192. | Paper-2: Review of Published research in the relevant field | M.Phil. (Mathematics) |
| 193. | Paper-1: Research Methodology and Computer<br>Application   | M.Phil. (Mathematics) |
| 194. | Paper-2: Riemannian Geometry and Cosmology                  | M.Phil. (Mathematics) |
| 195. | MP 101: Research Methodology                                | M.Phil. (Mathematics) |
| 196. | MP 102: Review of Published research in the relevant field  | M.Phil. (Mathematics) |
| 197. | MP 103: Computer Application                                | M.Phil. (Mathematics) |
| 198. | MP 104: (I) Riemannian Geometry and Cosmology               | M.Phil. (Mathematics) |
| 199. | MP 104: (II) Generating Functions                           | M.Phil. (Mathematics) |
| 200. | MP 105: Synopsis Submission                                 | M.Phil. (Mathematics) |
| 201. | MP 106: Comprehensive Viva-voce                             | M.Phil. (Mathematics) |
| 202. | Paper-3 Generating Functions                                | M.Phil. (Mathematics) |
| 203. | Paper I: Research Methodology                               | M.Phil. (Social Work) |
| 204. | Paper II: Contemporary Social work                          | M.Phil. (Social Work) |
| 205. | Paper II: Community Mental Health                           | M.Phil. (Social Work) |
| 206. | MP 101: Research Methodology                                | M.Phil. (Social Work) |
| 207. | MP 102: Review of Published research in the relevant field  | M.Phil. (Social Work) |
| 208. | MP 102: Computer Application                                | M.Phil. (Social Work) |
| 209. | MP 103: Contemporary Social Work                            | M.Phil. (Social Work) |
| 210. | MP 104: Community Mental Health and Social work             | M.Phil. (Social Work) |
| 211. | MP 105: Synopsis Submission                                 | M.Phil. (Social Work) |
| 212. | MP 106: Comprehensive Viva                                  | M.Phil. (Social Work) |
| 213. | CP-101: Management                                          | MBA                   |
| 214. | CP-102: Quantitative Methods                                | MBA                   |
| 215. | CP-103: Managerial Economics                                | MBA                   |
| 216. | CP-104: Environment and Management                          | MBA                   |
| 217. | CP-105: Managerial Skill Development                        | MBA                   |
| 218. | CP-106: Organisational Behaviour                            | MBA                   |
| 219. | CP-107: Accounting for Managers                             | MBA                   |
| 220. | CP-108: Computers Applications in Management                | MBA                   |
| 221. | CP-201: Research Methodology                                | MBA                   |
| 222. | CP-202: International Business Environment & Management     | MBA                   |
| 223. | CP-203: Human Resource Management                           | MBA                   |
| 224. | CP-204: Financial Management                                | MBA                   |
| 225. | CP-205: Marketing Management                                | MBA                   |
| 226. | CP-206: Production and Operations Management                | MBA                   |
| 227. | CP-207: Organisational Effectiveness and Change             | MBA                   |
| 228. | CP-208: Viva-voce                                           | MBA                   |
| 229. | CP-209: Computer Lab                                        | MBA                   |
| 230. | CP-301: Operation Research                                  | MBA                   |
| 231. | CP-302: Decision Support System and M.I.S                   | MBA                   |
| 232. | CP-303: Business Legislation                                | MBA                   |
| 233. | CP-304: Summer Training Project                             | MBA                   |
| 234. | CP-305: Consumer behaviour                                  | MBA                   |
| 235. | CP-306: Sales and Distribution Management                   | MBA                   |
| 236. | CP-401: Strategic Management                                | MBA                   |
| 237. | CP-402: Viva-voce                                           | MBA                   |
| 238. | CP-403: Project Study                                       | MBA                   |
| 400. | CP-404: Advertising Management                              | MBA                   |



| 240. | CP-405: International Marketing                               | MBA                         |
|------|---------------------------------------------------------------|-----------------------------|
| 241. | CP-406: Marketing of Services                                 | MBA                         |
| 242. | FM-311: Security Analysis and Portfolio Management            | MBA                         |
| 243. | FM-312: International Financial Management                    | MBA                         |
| 244. | FM-411: Project planning. Analysis and Management             | MBA                         |
| 245. | FM-412: Corporate Taxation                                    | MBA                         |
| 246. | ITM-321: Management Support System                            | MBA                         |
| 247. | ITM-322 Data Base Management System                           | MBA                         |
| 248. | ITM-421: System Analysis and Design                           | MBA                         |
| 249. | ITM-422: RDBMS & SQL Concepts                                 | MBA                         |
| 250. | HRM-331: Management of Industrial Relations                   | MBA                         |
| 251. | HRM-332: Human Resource Development                           | MBA                         |
| 252. | HRM-431: Compensation Management                              | MBA                         |
| 253. | HRM-432: Organisational Change and Intervention               | MBA                         |
|      | Strategies.                                                   |                             |
| 254. | Paper-1 Hindi Language                                        | B.A.(Hons) Psychology       |
| 255. | Paper-II Basic Psychological                                  | B.A.(Hons) Psychology       |
| 256. | Paper-III Psychopathology Processes                           | B.A.(Hons) Psychology       |
| 257. | Paper-IV Subsidiary (Sociology) Introduction to               | B.A.(Hons) Psychology       |
|      | Sociology                                                     |                             |
| 258. | Paper-V English Language                                      | B.A.(Hons) Psychology       |
| 259. | Paper-VI Psychological Statistics                             | B.A.(Hons) Psychology       |
| 260. | Paper-VII Human Development                                   | B.A.(Hons) Psychology       |
| 261. | Paper-VIII Subsidiary (Sociology) Society in India            | B.A.(Hons) Psychology       |
| 262. | Paper-IX Environmental Studies                                | B.A.(Hons) Psychology       |
| 263. | Paper-X Social Psychology                                     | B.A.(Hons) Psychology       |
| 264. | Paper-XI Psychological Assessment                             | B.A.(Hons) Psychology       |
| 265. | Paper-XII Indian Society - Issues and Problems                | B.A.(Hons) Psychology       |
| 266. | Paper-XIII Introduction to Computers, MS-Office and Internet  | B.A.(Hons) Psychology       |
| 267. | Paper-XIV Counselling Psychology                              | B.A.(Hons) Psychology       |
| 268. | Paper-XV Organisational Behaviour                             | B.A.(Hons) Psychology       |
| 269. | Paper-XVI Subsidiary (Sociology) Rural and Urban<br>Sociology | B.A.(Hons) Psychology       |
| 270. | Paper-XVII Clinical Psychology                                | B.A.(Hons) Psychology       |
| 271. | Paper-XVIII Personality Psychology                            | B.A.(Hons) Psychology       |
| 272. | Paper-XIX Community Psychology                                | B.A.(Hons) Psychology       |
| 273. | Paper - XX Project and Viva Voce                              | B.A.(Hons) Psychology       |
| 274. | Paper - XXI Educational Psychology                            | B.A.(Hons) Psychology       |
| 275. | Paper-XXII Applied Psychology                                 | B.A.(Hons) Psychology       |
| 276. | Paper-XXIII Psychological Research Methods                    | B.A.(Hons) Psychology       |
| 277. | Paper-XXIV Practical's and Viva Voce                          | B.A.(Hons) Psychology       |
| 278. | BT101: Botany I (Lower plants)                                | B.Sc. (Hons.) Biotechnology |
| 279. | BT102: Zoology I (Invertebrates)                              | B.Sc. (Hons.) Biotechnology |
| 280. | BT103: Basics of Inorganic and Physical Chemistry             | B.Sc. (Hons.) Biotechnology |
| 281. | BT104: Cell Biology                                           | B.Sc. (Hons.) Biotechnology |
| 282. | BT201: Botany II (Higher Plants)                              | B.Sc. (Hons.) Biotechnology |
| 283. | BT202: Zoology II (Vertebrates)                               | B.Sc. (Hons.) Biotechnology |
| 284. | BT203: Basics of Organic Chemistry                            | B.Sc. (Hons.) Biotechnology |
| 285. | BT204: Genetics & Molecular Biology                           | B.Sc. (Hons.) Biotechnology |
| 286. | BT301: Computer Application                                   | B.Sc. (Hons.) Biotechnology |
| 287. | BT302: Fundamentals of Biochemistry                           | B.Sc. (Hons.) Biotechnology |
| 288. | BT303: Principle of Microbiology                              | B.Sc. (Hons.) Biotechnology |
| 289. | BT304: Biostatistics                                          | B.Sc. (Hons.) Biotechnology |
| 407. | BT401: Biophysical and Molecular techniques                   | B.Sc. (Hons.) Biotechnology |



| 291. | BT402: Immunology                                  | B.Sc. (Hons.) Biotechnology |
|------|----------------------------------------------------|-----------------------------|
| 292. | BT403: Human physiology & Developmental Biology    | B.Sc. (Hons.) Biotechnology |
| 293. | BT404: Entrepreneurship and IPR                    | B.Sc. (Hons.) Biotechnology |
| 294. | BT501: Recombinant DNA Technology                  | B.Sc. (Hons.) Biotechnology |
| 295. | BT502: Animal Biotechnology and Cell culture       | B.Sc. (Hons.) Biotechnology |
| 296. | BT503: Bioenergetics and Metabolism                | B.Sc. (Hons.) Biotechnology |
| 297. | BT504: Environmental Studies.                      | B.Sc. (Hons.) Biotechnology |
| 298. | BT601: Plant Biotechnology and tissue culture      | B.Sc. (Hons.) Biotechnology |
| 299. | BT602: Medical biotechnology and Bioinformatics    | B.Sc. (Hons.) Biotechnology |
| 300. | BT603: Environmental Biotechnology                 | B.Sc. (Hons.) Biotechnology |
| 301. | BT604: Industrial Biotechnology                    | B.Sc. (Hons.) Biotechnology |
| 302. | MB101: Botany I (Lower plants)                     | B.Sc. (Hons.) Microbiology  |
| 303. | MB 102: Zoology I (Invertebrates)                  | B.Sc. (Hons.) Microbiology  |
| 304. | MB 103: Basics of Inorganic and Physical Chemistry | B.Sc. (Hons.) Microbiology  |
| 305. | MB104: Basics of Microbiology & Bacteriology       | B.Sc. (Hons.) Microbiology  |
| 306. | MB201: Botany II (Higher Plants)                   | B.Sc. (Hons.) Microbiology  |
| 307. | MB202: Zoology II (Vertebrates)                    | B.Sc. (Hons.) Microbiology  |
| 308. | MB203: Basics of Organic Chemistry                 | B.Sc. (Hons.) Microbiology  |
| 309. | MB204: Cell Biology                                | B.Sc. (Hons.) Microbiology  |
| 310. | MB301: Computer Application                        | B.Sc. (Hons.) Microbiology  |
| 311. | MB302: Fundamentals of Biochemistry                | B.Sc. (Hons.) Microbiology  |
| 312. | MB303: Microbial Genetics and Molecular Biology    | B.Sc. (Hons.) Microbiology  |
| 313. | MB304: Biostatistics                               | B.Sc. (Hons.) Microbiology  |
| 314. | MB401: Biophysical and Molecular techniques        | B.Sc. (Hons.) Microbiology  |
| 315. | MB402: Virology                                    | B.Sc. (Hons.) Microbiology  |
| 316. | MB403: Microbial Physiology & Metabolism           | B.Sc. (Hons.) Microbiology  |
| 317. | MB404: Entrepreneurship and IPR                    | B.Sc. (Hons.) Microbiology  |
| 318. | MB501: Recombinant DNA Technology                  | B.Sc. (Hons.) Microbiology  |
| 319. | MB502: Mycology & Plant pathology                  | B.Sc. (Hons.) Microbiology  |
| 320. | MB503: Immunology                                  | B.Sc. (Hons.) Microbiology  |
| 321. | MB504: Environmental Studies.                      | B.Sc. (Hons.) Microbiology  |
| 322. | MB601: Medical Microbiology                        | B.Sc. (Hons.) Microbiology  |
| 323. | MB602: Food & Dairy Microbiology                   | B.Sc. (Hons.) Microbiology  |
| 324. | MB603: Microbial Ecology                           | B.Sc. (Hons.) Microbiology  |
| 325. | MB604: Industrial Microbiology                     | B.Sc. (Hons.) Microbiology  |

Otal Pandy

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