



Metric No.: 1.1.3

**Average percentage of courses having focus on employability/
entrepreneurship/ skill development offered by the University**

Document Title

**1.1.3 - Mapping of the Courses to Employability/Entrepreneurship/ Skill
Development**


Registrar
Rani Durgavati Vishwavidyalaya
Jabalpur



1.1.3 Average percentage of courses having focus on employability/ five entrepreneurship/ skill development offered by the institution during the last years

| S.No. | Highlighted Colour in the BOS documents of different departments | Purpose (in BOS) |
|-------|--|--|
| 1 | Green Colour | For revision in the programme |
| 2 | Red Colour | For introduction of new course |
| 3 | Yellow Colour | For implementation of CBCS |
| 4 | Blue Colour | For implementation of value-added course |

Minutes of the Boards of Studies/ Academic Council

meetings with approvals for these courses

| S.N. | Department | Documents Link |
|------|---|---|
| 1 | Department of PG Studies and Research in Ancient Indian History Culture & Archology | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-meetings.pdf |
| 2 | Department of PG Studies and Research in Biological Science | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-Meeting.pdf |
| 3 | Department of PG Studies and Research in Chemistry and Pharmacy | https://rdvvjbp.in/wp-content/uploads/2023/06/ilovepdf_merged-6_organized-1.pdf |
| 4 | Department of PG Studies and Research in Economics | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-2-1.pdf |
| 5 | Department of PG Studies and Research in Education (B.Ed.) | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-2-1.pdf |
| 6 | Department of PG Studies and Research in English | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-Minutes-Revised-syllabus-2.pdf |
| 7 | Department of PG Studies and Research in Hindi and Linguistics | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-Hindi-2021_merged.pdf |
| 8 | Department of PG Studies and Research in History | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-Ph.D.pdf |
| 9 | Department of PG Studies and Research in Journalism Mass Communication Studies and Research | https://rdvvjbp.in/wp-content/uploads/2023/06/revision-1.pdf |
| 10 | Department of PG Studies and Research in Law | https://rdvvjbp.in/wp-content/uploads/2023/06/Law-BoS-24_merged.pdf |
| 11 | Department of PG Studies and Research in Library and Information Science | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-Meeting-Library-Science-.pdf |



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|----|---|---|
| 12 | Department of PG Studies and Research in Life Long Learning and Education | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-Meeting-1.pdf |
| 13 | Department of PG Studies and Research in Mathematics and Computer Science | https://rdvvjbp.in/wp-content/uploads/2023/06/Maths-BOS.pdf |
| 14 | Department of PG Studies and Research in Philosophy | https://rdvvjbp.in/wp-content/uploads/2023/06/revision_organized-2.pdf |
| 15 | Department of PG Studies and Research in Physical Education | https://rdvvjbp.in/wp-content/uploads/2023/06/Physical-Education-BOS.pdf |
| 16 | Department of PG Studies and Research in Physics and Electronics | https://rdvvjbp.in/wp-content/uploads/2023/06/DocScanner-01-Jun-2023-3-38-pm.pdf |
| 17 | Department of PG Studies and Research in Political Science | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS_1-edit-2_merged.pdf |
| 18 | Department of PG Studies and Research in Sanskrit Pali and Prakrit | https://rdvvjbp.in/wp-content/uploads/2023/08/Sanskrit-BOS-1.pdf |
| 19 | Department of PG Studies and Research in Sociology and Social Work | https://rdvvjbp.in/wp-content/uploads/2023/06/ilovepdf_merged-3.pdf |
| 20 | University Institute of Computer Science and Applications | https://rdvvjbp.in/wp-content/uploads/2023/06/UICSA.pdf |
| 21 | University Institute of Management | https://rdvvjbp.in/wp-content/uploads/2023/06/UIM.pdf |
| 22 | Department of PG Studies and Research in Yoga | https://rdvvjbp.in/wp-content/uploads/2023/08/yoga-BOS-1.pdf |
| 23 | University Institute of Vocational Studies and Skill Development | https://rdvvjbp.in/wp-content/uploads/2023/06/revision-vocational-studie.pdf |
| 24 | Department of Agriculture Science | https://rdvvjbp.in/wp-content/uploads/2023/06/BOS-Agriculture_course.pdf |
| 25 | Bio Design Innovation Centre | https://rdvvjbp.in/wp-content/uploads/2023/06/revision-DIC.pdf |

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Jabalpur

| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
|---|-------------|---------------|---|---------------|-------------------|------------------|
| Elements of Indian Archaeology | AIC 101 | MA (AIHCA) | Students will be able to identify the major characteristics and demonstrate in-depth knowledge of Elements of Indian Archaeology. | Y | | |
| Political History of Ancient India from Vedic age to 550 AD | AIC 102 | MA (AIHCA) | Students will be gaining knowledge about rise of a first and biggest empire of ancient India. Develop a clear understanding about political condition ancient India. | Y | | |
| Political History of Ancient India from 550 AD. to1206 AD. | AIC 103 | MA (AIHCA) | Students will be able to trace the rise of different dynasties and will be able to gain a chronological knowledge of various dynasties. | Y | | |
| Ancient Indian Culture | AIC 104 | MA (AIHCA) | Students will be able to understand the Administration, political ideas and institutions of ancient India and will be able to gain a knowledge of cultural unity of India. | Y | | |
| Elements of Indian Archaeology | AIC 105 | MA (AIHCA) | Students will be able to enhance and diversify their knowledge acquired in Stone age cultures in India and identify the major characteristics and demonstrate in-depth knowledge of stone age. | Y | | |
| Political History of Ancient India from Vedic age to 550 AD | AIC 106 | MA (AIHCA) | Students will be able to develop a basic understanding of the dynasties of India and will be able to develop a basic understanding of the history of western India. | Y | | |
| Political History of Ancient India from 550 AD. to1206 AD. | AIC 107 | MA (AIHCA) | Students will be able to gain a basic knowledge of the dynasties of early medieval India. | Y | | |
| Ancient Indian Culture | AIC 108 | MA (AIHCA) | Students will be able to gain a basic knowledge about administration, political, social, economic life of ancient India. | Y | | |
| Ancient Indian Paleography and Epigraphy | AIC 109 | MA (AIHCA) | Students will be able to know making process of coins, ratio of metals and shape-size of coins in ancient India. | Y | | |
| Ancient Indian Numismatics | AIC 110 | MA (AIHCA) | Students will be able to gain a basic knowledge about sculptures of the ancient and early medieval India. | Y | | |
| Ancient Indian Art and Iconography | AIC 111 | MA (AIHCA) | Students will be able to gain a basic knowledge about sculptures of the ancient and early medieval India. | Y | | |
| Ancient Indian Architecture | AIC 112 | MA (AIHCA) | Students will be able to gain a basic knowledge about literary and archaeological sources of ancient Indian architecture and get the basic knowledge of town planning in ancient India. | Y | | |
| Ancient Indian Paleography and Epigraphy | AIC 113 | MA (AIHCA) | Students will be learning methods of dating and use of numerals in ancient Indian inscriptions. By reading and translation of inscriptions students know chronology, victories, administration and cultural life. | Y | | |
| Ancient Indian Numismatics | AIC 114 | MA (AIHCA) | Students studied coins and they know the qualities of coins from different dynasties. Students will also be able to know about clothes and ornaments wearing God- goddess and king-queen shown on coins. | Y | | |
| Ancient Indian Art and Iconography | AIC 115 | MA (AIHCA) | Students will be able to know characteristics features of iconography which is described in ancient texts. | Y | | |
| Ancient Indian Architecture | AIC 116 | MA (AIHCA) | Students will be able to know the classification of ancient Indian temple architecture and be able to know the material and types of stones used in temple architecture. | Y | | |
| Microbiology | UBC 102 | B.Sc. (Hons.) | Students will be aware of general characteristics of protozoa and their | Y | | |

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|--|---------|--------------------------------|--|---|---|--|
| | | Biotechnology | economic importance and have a broad perspective of the scope of microbiology. | | | |
| Botany | UBC 101 | B.Sc. (Hons.) Biotechnology | Students will be able to Understands concepts of Binomial Nomenclature and elementary knowledge of International Code of Botanical Nomenclature. Systematic position, distinguishing characters and economic importance of algae, fungi, bryophytes, pteridophytes, gymnosperms and angiosperms. | | Y | |
| Chemistry | UBC 103 | B.Sc. (Hons.) Biotechnology | The students will learn the elementary concepts of ionic chemical equilibrium with respect to acid – base, salt hydrolysis and solubility of ionic substances, including the IUPAC nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions. | | Y | |
| Practical based on UBC 101 & UBC 102 | UBC 104 | B.Sc. (Hons.) Biotechnology | Skill development | | Y | |
| Practical based on UBC 103 & UBE 101/UBE 102 | UBC 105 | B.Sc. (Hons.) Biotechnology | Skill development | | Y | |
| Communication English | UBE 101 | B.Sc. (Hons.) Biotechnology | Improve LSRW, i.e. listening, speaking, reading and writing skills and the related sub-skills. | | Y | |
| Fundamentals of Statistics | UBE 102 | B.Sc. (Hons.) Biotechnology | Students study the differentiation like Chain rule, Product rule and Quotient rule. Second order derivatives of above functions. Integration as reverse process of differentiation. Integrals of the functions introduced above. | | Y | |
| Zoology | UBC 201 | B.Sc. (Hons.) Biotechnology | Understanding human reproductive system- reproductive organs, female reproductive cycle, implantation, maternal change during pregnancy, labour and physiology of Lactation and methods of birth control. | | Y | |
| Basics of Computers | UBC 202 | B.Sc. (Hons.) Biotechnology | The students shall learn about the introduction, basics, organization, types and preliminary knowledge of operating systems and system tools. | Y | | |
| Chemistry-II | UBC 203 | B.Sc. (Hons.) Biotechnology | The student shall learn the principle, theory and applications of UV Visible spectroscopy and Infrared spectroscopy. | | Y | |
| Practical based on UBC 201 & UBC 202 | UBC 204 | B.Sc. (Hons.) Biotechnology | Skill Development | | Y | |
| Practical based on UBC 203 & UBE 201/UBE 202 | UBC 205 | B.Sc. (Hons.) Biotechnology | Skill Development | | Y | |
| Fundamentals of Biochemistry | UBE 201 | B.Sc. (Hons.) Biotechnology | Bio-signaling, signaling in microorganisms and plants, Bioenergetics and Metabolism; bioenergetics and thermodynamics, phosphoryl group transfers and ATP. | | Y | |
| Bioanalytical Techniques | UBE 202 | B.Sc. (Hons.) Biotechnology | Students will have gained an in-depth knowledge of principles and applications of paper chromatography, thin layer chromatography, gel filtration chromatography, ion- exchange chromatography, affinity chromatography, GC, HPLC. This enables the students to apply the acquired knowledge in isolation and separation of biomolecules for analysis. | Y | | |

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|--|---------|--------------------------------|---|---|---|---|
| Cell Biology-I | UBC 301 | B.Sc. (Hons.) Biotechnology | Will have gained knowledge about features of the cell wall, plasma membrane, cell transport mechanisms and cytoskeleton. | | Y | |
| Molecular Biology-I | UBC 302 | B.Sc. (Hons.) Biotechnology | Students will understand the concept of split genes, introns, exons, spliceosomes and alternative splicing besides learning about other processing events like polyadenylation and capping. Will become familiar with RNA interference and its significance, siRNA and miRNA. | | Y | |
| Recombinant DNA Technology | UBC 303 | B.Sc. (Hons.) Biotechnology | Students will gather in-depth knowledge of DNA amplification and sequencing methods, and become conversant with construction and screening of genomic and cDNA libraries. | Y | | |
| Practical based on UBC 301 & UBC 302 | UBC 304 | B.Sc. (Hons.) Biotechnology | Skill Development | | Y | |
| Practical based on UBC 303 & UBE 301/UBE 302 | UBC 305 | B.Sc. (Hons.) Biotechnology | Skill Development | | Y | |
| Fundamentals of Biophysics | UBE 301 | B.Sc. (Hons.) Biotechnology | Knowledge of principle, design, methods and application of UV spectroscopy; circular Dichroism and optical rotatory dispersion (ORD); Florescence spectroscopy; Infrared spectroscopy; NMR and ESR spectroscopy, Chromatography, Electrophoresis and Centrifugation. | Y | | |
| Fermentation Technology | UBE 302 | B.Sc. (Hons.) Biotechnology | To create a designing of fermentation processes for the products recovery. Knowledge of Biosafety and patent laws | | | Y |
| Immunology | UBC 401 | B.Sc. (Hons.) Biotechnology | Will be acquainted with the emergence of immunology and how the immune system protects us from infection through various lines of defense. Will have gained an in-depth knowledge of characteristics and functions of the cells of the immune system and the organization of organs of the immune system. | Y | | |
| Cell Biology | UBC 402 | B.Sc. (Hons.) Biotechnology | Empowers student to acquire knowledge about biology of cancer its causes. Understanding of oncogenes, tumour suppressor gene, tumour viruses and molecular approach of cancer treatment. | | Y | |
| Molecular Biology | UBC 403 | B.Sc. (Hons.) Biotechnology | Students will be able to understand RNA transcription in Prokaryotes and Eukaryotes, transcriptional regulation, RNA splicing and editing, Protein synthesis, ribosome structure and assembly. | | Y | |
| Practical based on UBC 401 & UBC 402 | UBC 404 | B.Sc. (Hons.) Biotechnology | Skill Development | | Y | |
| Practical based on UBC 403 & UBE 401/UBE 402 | UBC 405 | B.Sc. (Hons.) Biotechnology | Skill Development | | Y | |
| Genetics and Genomics | UBE 401 | B.Sc. (Hons.) Biotechnology | Deep understanding of crossing over and its Cytological and Molecular mechanism. They will be able to measure linkage intensity using Recombination frequency, two factor and three factor crosses, Interference and coincidence. Knowledge of somatic cell genetics an alternative approach to gene mapping. | | Y | |
| Bioinformatics | UBE 402 | B.Sc. (Hons.) Biotechnology | Students learn about different techniques and tools of genome analyses and reconstruction of metabolic pathways. | Y | | |

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|--|----------|--------------------------------|--|---|---|---|
| Plant Biotechnology | UBC 501 | B.Sc. (Hons.) Biotechnology | Conceptualize protoplast isolation, culture and various steps in the regeneration of protoplasts. | | | Y |
| Environmental Biotechnology | UBC 502 | B.Sc. (Hons.) Biotechnology | Conceptual understanding of global environmental problems- ozone depletion, UV-B greenhouse effects and global warming, acid rain, and their impacts and biotechnology approaches for management. | | | Y |
| Animal Biotechnology | UBC 503 | B.Sc. (Hons.) Biotechnology | Students learn different growth factors promoting proliferation of animal cells (EGF, FGF, PDGF, IL-1, IL-2, NGF, and erythropoietin). | Y | | |
| Practical based on UBC 501 & UBC 502 | UBC 504 | B.Sc. (Hons.) Biotechnology | Skill Development | | Y | |
| Practical based on UBC 503 & UBE 501/UBE 502 | UBC 505 | B.Sc. (Hons.) Biotechnology | Skill Development | | Y | |
| Entrepreneurship and IPR | UBE 501 | B.Sc. (Hons.) Biotechnology | Application of technical feasibility of project, plant layout and process planning of product. QC, CPM, PERT for establishing SSI. | Y | | |
| Genetics & Genomics | UBE 502 | B.Sc. (Hons.) Biotechnology | Understand different biological database that provide information about protein and nucleic acid, sequence similarity and alignment; Gene feature identification. Understanding of Gene Annotation and analysis of transcription and translation; post-translational analysis and Protein interaction. | Y | | |
| Introduction to Microbial World | UMB 101 | B.Sc. (Hons.) Microbiology | Students will be gathered detailed information on the diversity, distribution, structure, life cycles and economic importance of fungi. | | Y | |
| Techniques in Microbiology | UMB 102 | B.Sc. (Hons.) Microbiology | Handling and use of microscopes for the study of microorganisms which are among the basic skills expected from a practicing microbiologist. They also get introduced a variety of modifications in the microscopes for specialized viewing. | Y | | |
| Chemistry-I | UMB 103 | B.Sc. (Hons.) Microbiology | The student shall learn the essential concepts of chirality, configuration, isomerism in organic chemistry and nomenclature of isomers. Students will familiarize with the elementary concept of saturated aliphatic hydrocarbons reactions. | | Y | |
| Practical based on UMB 101&102 | UMB 104 | B.Sc. (Hons.) Microbiology | Skill Development | | Y | |
| Techniques in Microbiology | UMB 105 | B.Sc. (Hons.) Microbiology | Several separation techniques which may be required to be handled later as microbiologists. | Y | | |
| Communicative English | UMBE 101 | B.Sc. (Hons.) Microbiology | Enhanced vocabulary with right pronunciation and improved accuracy in grammar and effective oral presentations. | | Y | |
| Fundamentals of Statistics | UMBE 102 | B.Sc. (Hons.) Microbiology | Skill Development | | Y | |
| Bacteriology | UMB 201 | B.Sc. (Hons.) Microbiology | Students will also be able to explain gram and acid-fast staining reactions and effect of antibiotics and enzymes on cell wall structure. Will get familiar with various techniques used for isolation, cultivation and preservation of different types of bacterial cultures. | | Y | |
| Medical Microbiology | UMB 202 | B.Sc. (Hons.) Microbiology | Students will have gained an in-depth knowledge about the spectrum of diseases caused by bacterial pathogens, and an understanding of the course of disease development and accompanying symptoms. | Y | | |

| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
|---|-------------|----------------------------|---|---------------|-------------------|------------------|
| Chemistry-II | UMB 203 | B.Sc. (Hons.) Microbiology | The students will get knowledge in the field of Electrochemistry special in references with Electrochemical cell, Nerst equation Gibbs energy. | | Y | |
| Practical based on UMB 201& 202 | UMB 204 | B.Sc. (Hons.) Microbiology | Employability | Y | | |
| Practical based on UMB 203 & UMBE 201/202 | UMB 205 | B.Sc. (Hons.) Microbiology | Skill Development | | Y | |
| Basics of Computers | UMBE 201 | B.Sc. (Hons.) Microbiology | Students will get general awareness about the IT Act, system security and preliminary knowledge about the I-Tax, E banking and E reservations. | Y | | |
| Bioanalytical Techniques | UMBE 202 | B.Sc. (Hons.) Microbiology | Will have clear fundamentals of centrifugation, RCF, sedimentation coefficient, different types of rotors used, principle and working of differential and density gradient centrifugation, preparative and analytical scales of centrifuge, and the specific uses of ultracentrifuge. Students will also be acquainted with limitations of each method. | Y | | |
| Cell Biology-I | UMB 301 | B.Sc. (Hons.) Microbiology | Students will have learnt the mechanisms of cell division and the significance of cell cycle and its regulation. Will become familiar with stem cell technology and its applications. | | Y | |
| Phycology & Mycology | UMB 302 | B.Sc. (Hons.) Microbiology | Identify commonly available fungi and algae and their characteristics. | | Y | |
| Virology | UMB 303 | B.Sc. (Hons.) Microbiology | Students will be able to describe different ways of viral transmission, and prominent and unusual genomic features of different viruses with their significance. | | Y | |
| Practical based on UMB 301 & 302 | UMB 304 | B.Sc. (Hons.) Microbiology | Skill Development | | Y | |
| Practical based on UMB 303 & UMBE 301/302 | UMB 305 | B.Sc. (Hons.) Microbiology | Employability | Y | | |
| Molecular Biology-I | UMBE 301 | B.Sc. (Hons.) Microbiology | Students will understand the concept of split genes, introns, exons, spliceosomes and alternative splicing besides learning about other processing events like polyadenylation and capping. Will become familiar with RNA interference and its significance, siRNA and miRNA. | Y | | |
| Recombinant DNA Technology | UMBE 302 | B.Sc. (Hons.) Microbiology | Students will have learnt various gene delivery methods and basic essential techniques of DNA, RNA and protein analysis. | | Y | |
| Microbial Physiology & Metabolism | UMB 401 | B.Sc. (Hons.) Microbiology | Will have an added knowledge on the groups and families of chemolithotrophs and phototrophs, based on their ability to extract energy from inorganic compounds and assimilate carbon from CO ₂ . | | Y | |
| Genetics & Genomics-I | UMB 402 | B.Sc. (Hons.) Microbiology | Applying the Mendelian principles and its extensions to solve genetic problems. | | Y | |
| Cell Biology-II | UMB 403 | B.Sc. (Hons.) Microbiology | Linking the rapid advances in cell biology for a better understanding of diseases like Cancer and its cytology | | Y | |

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|--|----------|----------------------------|--|---|---|---|
| Practical based on UMB 401 & 402 | UMB 404 | B.Sc. (Hons.) Microbiology | Employability | Y | | |
| Practical based on UMB 403 & UMBE 401/402 | UMB 405 | B.Sc. (Hons.) Microbiology | Skill Development | | Y | |
| Molecular Biology-II | UMBE 401 | B.Sc. (Hons.) Microbiology | Transcription regulation in prokaryotes and eukaryotes and regulatory RNAs. | Y | | |
| Immunology | UMBE 402 | B.Sc. (Hons.) Microbiology | Students will understand the cell surface proteins essential for generation of acquired immune response to differentiate self and non-self-molecules and the pathways for antigen processing and presentation. | Y | | |
| Food & Dairy Microbiology | UMB 501 | B.Sc. (Hons.) Microbiology | Students will acquire an in-depth knowledge of various physical and chemical methods used for food preservation. Will be acquainted with microbial production of fermented dairy and non-dairy food products. Will also be able to understand the health benefits of prebiotics, probiotics and symbiotic. | | | Y |
| Microbial Ecology | UMB 502 | B.Sc. (Hons.) Microbiology | Would become aware of the importance of microbes in any ecosystem with reference to nutrient cycling/ biogas-chemical cycling. | | Y | |
| Industrial Microbiology | UMB 503 | B.Sc. (Hons.) Microbiology | Will gain insight into the techniques of isolation, screening, preservation and maintenance of industrially important microbial strains and different types of media used in fermentation processes. | | | Y |
| Practical based on UMB 501 & 502 | UMB 504 | B.Sc. (Hons.) Microbiology | Employability | Y | | |
| Practical based on UMB 503 & UMBE 501/502 | UMB 505 | B.Sc. (Hons.) Microbiology | Skill Development | | Y | |
| Genetics & Genomics-II | UMBE 501 | B.Sc. (Hons.) Microbiology | Conceptualize the mechanism of developmental biology and embryonic development of different model organism. | | Y | |
| Plant Pathology | UMBE 502 | B.Sc. (Hons.) Microbiology | Students will know various laboratory methods of detection of plant pathogens and evaluation of biological and chemical agents against plant pathogens. | | Y | |
| General Microbiology | BSC 101 | M.Sc. Bioscience | Knowledge of basic techniques of staining, isolation, enumeration, maintenance and preservation of microbial culture; with understanding of composition of different culture media and nutritional requirement of microorganisms. | | Y | |
| Cell Biology & Physiology | BSC 102 | M.Sc. Bioscience | The students also learn the process of fertilization including initial changes in an ovum in terms of various planes of cleavages and their significance in eventual development of individuals, taking some examples of Annelids and Mollusks. | | Y | |
| Organic & Biophysical Chemistry | BSC 103 | M.Sc. Bioscience | Student will have developed knowledge about structure and function of ecosystem. They also will understand about biogeochemical cycle in environment and its role. | | Y | |
| Practical based on BCC 101 & BCC 102 | BSC 104 | M.Sc. Bioscience | Skill Development | | Y | |
| Practical based on BCC 103 & BCE 101/BCE 102 | BSC 105 | M.Sc. Bioscience | Skill Development | | Y | |

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| Biomolecules | BSE 101 | M.Sc. Bioscience | The students learn various techniques such as chromatography, spectroscopy and electrophoresis to understand the purity of biomolecules and their analytical properties for further application. | | Y | |
| Bioenergetics and Intermediary Metabolism | BSE 102 | M.Sc. Bioscience | Students will understand about the amino acid and nucleic acid biosynthesis, degradation, regulation, urea cycle, inhibitors and inborn error metabolism. | | Y | |
| Methods in Molecular Biology | BSC 201 | M.Sc. Bioscience | Empowers student to recognize, collect and compare the plants of the given fourteen angiosperm families. Learners will be able to describe the plant specimen with taxonomical terms, floral formula and diagrams. | Y | | |
| Advanced Enzymology | BSC 202 | M.Sc. Bioscience | Acknowledge the economic uses of plants in modern society. An increased awareness and appreciation of plants & plant products encountered used by tribes of MP. Knowledge of important families of useful plants, the parts used and active biomolecules present in medicinal plants. | Y | | |
| Biostatistics & Computer Application | BSC 203 | M.Sc. Bioscience | Empowers students to utilize software packages in digital analysis and processing of biological data. Integrate informatics with biology through data submission protocols, sequence alignment and searches, annotations and possible applications in human health and welfare. | | Y | |
| Practical based on BCC 201 & BCC 202 | BSC 204 | M.Sc. Bioscience | Skill Development | | Y | |
| Practical based on BCC 203 & BCE 201/ BCE 202/ BCE 203 | BSC 205 | M.Sc. Bioscience | Skill Development | | Y | |
| Biology of the Immune System | BSE 201 | M.Sc. Bioscience | Students will be able to apply the knowledge gained to understand the phenomena like host defense, hypersensitivity (allergy), organ transplantation and certain immunological diseases. | | Y | |
| Resource utilization and conservation | BSE 202 | M.Sc. Bioscience | Gains insight knowledge about remote sensing of earth resources along with platforms, sensors and scanners, visual and digital interpretation of remotely sensed. | | | Y |
| Microbial Metabolism | BSE 203 | M.Sc. Bioscience | Student will know about assimilation of nitrogen, synthesis of major amino-acids, polyamines; peptidoglycan-biopolymers as cell components. | | Y | |
| Plant Biochemistry | BSC 301 | M.Sc. Bioscience | Student will know about the Plant Growth hormones (Auxins, Gibberellins, Cytokinins, Ethylene), they understand the biosynthesis of phenolic acids, alkaloids. | Y | | |
| Nutritional Biochemistry | BSC 302 | M.Sc. Bioscience | Empowers student to acquire knowledge about different enzymes of DNA replication, transcription and translation. Deep understanding of DNA and RNA sequencing methods, process of transcription and post transcriptional processing. | Y | | |
| Clinical Biochemistry | BSC 303 | M.Sc. Bioscience | The students are also made acquainted with the very importance of muscles in relation to structure, function and physiology. Further, the neuromuscular interconnection and basic role of neuronal tissue at different level is elaborately dealt with here. | Y | | |

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| Practical based on BCC301 & BCC302 | BSC 304 | M.Sc. Bioscience | Skill Development | | Y | |
| Practical based on BCC303 & BCE301/ BCE302/ BCE303/ BCE304 | BSC 305 | M.Sc. Bioscience | Employability | Y | | |
| Advanced Molecular Biology | BSE 301 | M.Sc. Bioscience | To develop effective, creative and innovative solutions, both independently and cooperatively, to current and future research problems in Molecular Biology. | Y | | |
| Agricultural Microbiology | BSE 302 | M.Sc. Bioscience | Describe role of microorganism in recycling soil nutrients, biodegradation of complex plant polymers, sustaining and improving plant growth through improving nutrient availability, production of plant growth promoting substances and inhibiting pathogens. | | | Y |
| Bioprocess Engineering and Technology | BSE 303 | M.Sc. Bioscience | Students will have gained insight on industrially important microbes, recent developments in fermentation processes and various optimization strategies at fermenter level. | | | Y |
| Biotechnology | BSE 304 | M.Sc. Bioscience | Acquires knowledge about strains development, selection of hyper producers, microbial products, metabolic engineering and various industrial relevant microbial products and their production process Learns about the designing of recombinant heterologous expression systems such as E. coli, yeast, mammalian and insect cells. | Y | | |
| Cell Biology | BTC101 | M.Sc. Biotechnology | Conceptualization of cell cycle, cell division and cell death. Deep understanding of events of mitosis, apoptosis, embryonic stem cells and therapeutic cloning. | | Y | |
| Animal Cell Science and Techniques | BTC102 | M.Sc. Biotechnology | Learning the different parameters, i.e. viability and cytotoxicity; biology and characterization of the cultured cells and basic techniques of cultured cells like disaggregation of tissue and primary culture; maintenance of cell culture. | | Y | |
| Microbial Physiology | BTC103 | M.Sc. Biotechnology | Insight into host-parasite relationship, colonization, types of toxins, and their structures, mode of action, Chemotherapy/antibiotics: antimicrobial agent antibiotics, mode of action, antibiotics resistance. | Y | | |
| Practical based on BTC101 & BTC102 | BTC104 | M.Sc. Biotechnology | Skill Development | | Y | |
| Practical based on BTC103 & BTE101/ BTE102 | BTC105 | M.Sc. Biotechnology | Skill Development | | Y | |
| Biomolecules | BTE101 | M.Sc. Biotechnology | The inter-relationships and communication between the biomolecules are a major part of signal transduction. The students become well versed with this mode of biological process. | Y | | |
| Bioenergetics and Intermediary Metabolism | BTE102 | M.Sc. Biotechnology | The catabolic role of amino acids in the formation of urea and abnormalities due to metabolic errors in these cycles is learnt by students. The synthesis of nucleic acids, the hereditary material, involving purines and pyrimidines is made acquainted to the learners. | Y | | |
| Molecular Biology | BTC201 | M.Sc. Biotechnology | The pupils become well versed with the process of DNA-dependent RNA synthesis (transcription) and post-transcriptional modifications thereby generating transfer, messenger and ribosomal RNA. Channeling of specialized proteins to their correct positions is also | | Y | |

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| | | | made aware of. | | | |
| Macromolecules & Basic Enzymology | BTC202 | M.Sc. Biotechnology | Various biochemical techniques related in elucidating the overall structure of the different biomolecules and their specific role in specific conformations is learnt by the students. | | Y | |
| Biostatistics & Computer Application | BTC203 | M.Sc. Biotechnology | Empowers students to utilize software packages in digital analysis and processing of biological data. Integrate informatics with biology through data submission protocols, sequence alignment and searches, annotations and possible applications in human health. | | Y | |
| Practical based on BTC201 & BTC202 | BTC204 | M.Sc. Biotechnology | Employability | Y | | |
| Practical based on BTC203 & BTE201/ BTE202/ BTE203 | BTC205 | M.Sc. Biotechnology | Employability | Y | | |
| Biology of the Immune System | BTE201 | M.Sc. Biotechnology | Application of the knowledge gained to understand the phenomena like host defense, hypersensitivity (allergy), organ transplantation and certain immunological diseases. | | Y | |
| Resource utilization and conservation | BTE202 | M.Sc. Biotechnology | Students learn about concepts of Biodegradation, Biodegradation of hydrocarbon, Measurement of biodegradation. Bioremediation-Concept, Methods of Bioremediation (In-situ and Ex-situ Bioremediation), and Xenobiotic biodegradation. | | | Y |
| Microbial Metabolism | BTE203 | M.Sc. Biotechnology | Empowers the students with the knowledge of Domestic waste water treatment, Classification of wastewater treatment (physical, chemical and biological) | Y | | |
| Environmental Biotechnology | BTC301 | M.Sc. Biotechnology | Students learn about concepts of Biodegradation, Biodegradation of hydrocarbon, Measurement of biodegradation. Bioremediation-Concept, Methods of Bioremediation (In-situ and Ex-situ Bioremediation), and Xenobiotic biodegradation. | Y | | |
| Genetic Engineering | BTC302 | M.Sc. Biotechnology | Students will understand the core concepts and fundamentals of genetic engineering. | | Y | |
| Plant Biotechnology | BTC303 | M.Sc. Biotechnology | Role of biotechnology in qualitative improvement in plants through herbicide resistance, insect resistance, disease resistance and N ₂ fixation. Knowledge of molecular markers: RFLP, PCR, QTL and MAS. | Y | | |
| Practical based on BTC301 & BTC302 | BTC304 | M.Sc. Biotechnology | Skill Development | | Y | |
| Practical based on BTC303 & BTE301/ BTE302/ BTE303/ BTE304 | BTC305 | M.Sc. Biotechnology | Skill Development | | Y | |
| Advanced Molecular Biology | BTE301 | M.Sc. Biotechnology | To develop effective, creative and innovative solutions, both independently and cooperatively, to current and future research problems in Molecular Biology | | Y | |

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|--|--------|---------------------|---|---|---|--|
| Agricultural Microbiology | BTE302 | M.Sc. Biotechnology | Describe role of microorganism in recycling soil nutrients, biodegradation of complex plant polymers, sustaining and improving plant growth through improving nutrient availability, production of plant growth promoting substances and inhibiting pathogens. | | Y | |
| Bioprocess Engineering and Technology | BTE303 | M.Sc. Biotechnology | Discuss the microbiology of different types of food commodities. Describe the rationale for the use of standard methods and procedures for the microbiological analysis of food | Y | | |
| Biotechnology | BTE304 | M.Sc. Biotechnology | Students will learn about industrially relevant microbial products and their production process, role of biotechnology in environment management. | Y | | |
| Bacteriology | MBC101 | M.Sc. Microbiology | Principles of a number of analytical instruments which the students have to use during the study and also later as microbiologists for performing various laboratory manipulations. | | Y | |
| Virology | MBC102 | M.Sc. Microbiology | Students will be able to describe different ways of viral transmission, and prominent and unusual genomic features of different viruses with their significance. | | Y | |
| Mycology | MBC103 | M.Sc. Microbiology | Identify commonly available fungi and algae and their characteristics. | | Y | |
| Practical based on MBC101 & MBC102 | MBC104 | M.Sc. Microbiology | Skill Development | | Y | |
| Practical based on MBC103 & MBE101/ MBE102 | MBC105 | M.Sc. Microbiology | Skill Development | | Y | |
| Biomolecules | MBE101 | M.Sc. Microbiology | Students will understand the concept of split genes, introns, exons, spliceosomes and alternative splicing besides learning about other processing events like polyadenylation and capping. Will become familiar with RNA interference and its significance, siRNA and miRNA. | | Y | |
| Bioenergetics and Intermediary Metabolism | MBE102 | M.Sc. Microbiology | Would become familiar with and gain knowledge about the various methods of waste treatment (solid and liquid) and management. | | Y | |
| Molecular biology and Recombinant DNA Technology | MBC201 | M.Sc. Microbiology | Students will become aware of the applied aspects of all major techniques being used for the benefit of humankind in the areas of agriculture and pharmaceuticals. Students will design a strategy outlining all the steps of developing a novel recombinant. | Y | | |
| Microbial Genetics | MBC202 | M.Sc. Microbiology | Applying the Mendelian principles and its extensions to solve genetic problems | Y | | |
| Biostatistics & Computer Application | MBC203 | M.Sc. Microbiology | Understanding and applications of descriptive and inferential statistics enabling students to use tests of significance in biological data. | Y | | |
| Practical based on MBC201 & MBC202 | MBC204 | M.Sc. Microbiology | Employability | Y | | |
| Practical based on MBC203 & MBE201/ MBE202/ MBE203 | MBC205 | M.Sc. Microbiology | Employability | Y | | |
| Biology of the Immune System | MBE201 | M.Sc. Microbiology | Students Will be able to gather information about the structure and organization of various components of the immune system. | | Y | |

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|---|-----------|--------------------|---|---|---|---|
| Resource utilization and conservation | MBE202 | M.Sc. Microbiology | Gains insight knowledge about remote sensing of earth resources along with platforms, sensors and scanners, visual and digital interpretation of remotely sensed. | | Y | |
| Microbial Metabolism | MBE203 | M.Sc. Microbiology | Students will understand the microbial development, sporulation and morphogenesis and organization of microbes. | | Y | |
| Environmental Microbiology | MBC301 | M.Sc. Microbiology | Student will know about the Plant Growth hormones (Auxins, Gibberellins, Cytokinins, Ethylene), they understand the biosynthesis of phenolic acids, alkaloids. | | Y | |
| Medical Microbiology | MBC302 | M.Sc. Microbiology | To understand key principles of how cells work, including gene regulation, protein synthesis and signal transduction. | Y | | |
| Practical based on MBC301 & MBC302 | MBC303 | M.Sc. Microbiology | Skill Development | | Y | |
| Practical based on MBE301/ MBE302/ MBE303/ MBE304 (Any Two) | MBC304 | M.Sc. Microbiology | Skill Development | | Y | |
| Advanced Molecular Biology | MBE301 | M.Sc. Microbiology | To read, interpret and discuss major contributions to Molecular Biology research published in scientific research literature. | Y | | |
| Agricultural Microbiology | MBE302 | M.Sc. Microbiology | Analyses of various aspects of N ₂ fixation, Phosphate solubilization, PGPR etc. Pre and post harvesting agricultural losses, management, formulation, mass production and applications. | | Y | |
| Industrial & Food microbiology | MBE303 | M.Sc. Microbiology | Analyze the importance of microbiological quality control programme's in food production. | | Y | |
| Microbial Biotechnology | MBE304 | M.Sc. Microbiology | Analyses of various aspects of N ₂ fixation, Phosphate solubilization, PGPR etc. Pre and post harvesting agricultural losses, management, formulation, mass production and applications. | | | Y |
| Bacteriology | MBC101 | M.Sc. Microbiology | The students learn the principle of working of enzyme and the process of enzymology, i.e. how the enzymes work and where the active sites play a key role. | | | Y |
| Human Anatomy and Physiology I–Theory | BP 101T | B.Pharma | To Describe the various homeostatic mechanisms and their imbalances. | | Y | |
| Pharmaceutical Analysis I – Theory | BP 102T | B.Pharma | To understand the principles of volumetric and electro chemical analysis | Y | | |
| Pharmaceutics I – Theory | BP 103T | B.Pharma | To understand the basics of different dosage forms, pharmaceutical incompatibilities and pharmaceutical calculations | Y | | |
| Pharmaceutical Inorganic Chemistry –Theory | BP 104T | B.Pharma | To know the sources of impurities and methods to determine the impurities in inorganic drugs and pharmaceuticals. | Y | | |
| Communication skills – Theory | BP 105T | B.Pharma | To Communicate effectively (Verbal and Non-Verbal) | | Y | |
| Remedial Biology | BP 106RBT | B.Pharma | To understand the basic components of anatomy & physiology of plant | | Y | |
| Remedial Mathematics – Theory | BP 106RMT | B.Pharma | Appreciate the important application of mathematics in Pharmacy | | Y | |
| Human Anatomy and Physiology –Practical | BP 107P | B.Pharma | Explain the gross morphology, structure and functions of various organs of the human body. | | Y | |
| Pharmaceutical Analysis I – Practical | BP 108P | B.Pharma | Skill Development | | Y | |

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|---|-----------|----------|---|---|---|---|
| Pharmaceutics I – Practical | BP 109P | B.Pharma | Skill Development | | Y | |
| Pharmaceutical Inorganic Chemistry –Practical | BP 110P | B.Pharma | Skill Development | | Y | |
| Communication skills – Practical | BP 111P | B.Pharma | Skill Development | | Y | |
| Remedial Biology – Practical | BP 112RBP | B.Pharma | Employability | Y | | |
| Human Anatomy and Physiology II – Theory | BP 201T | B.Pharma | Employability | Y | | |
| Pharmaceutical Organic Chemistry I – Theory | BP 202T | B.Pharma | To write the reaction, name the reaction and orientation of reactions | Y | | |
| Biochemistry – Theory | BP 203T | B.Pharma | To Understand the metabolism of nutrient molecules in physiological and pathological conditions. | | | Y |
| Pathophysiology – Theory | BP 204T | B.Pharma | To Describe the etiology and pathogenesis of the selected disease states. | | | Y |
| Computer Applications in Pharmacy – Theory | BP 205T | B.Pharma | To know the various types of application of computers in pharmacy | | | Y |
| Environmental sciences – Theory | BP 206T | B.Pharma | To Motivate learner to participate in environment protection and environment improvement. | | Y | |
| Human Anatomy and Physiology II –Practical | BP 207P | B.Pharma | Skill Development | | Y | |
| Pharmaceutical Organic Chemistry I– Practical | BP 208P | B.Pharma | Skill Development | | Y | |
| Biochemistry – Practical | BP 209P | B.Pharma | Skill Development | | Y | |
| Computer Applications in Pharmacy – Practical | BP 210P | B.Pharma | Skill Development | | Y | |
| Pharmaceutical Organic Chemistry II – Theory | BP 301T | B.Pharma | Write the reaction, name the reaction and orientation of reactions. | Y | | |
| Physical Pharmaceutics I – Theory | BP 302T | B.Pharma | Demonstrate use of physicochemical properties in the formulation development and evaluation of dosage forms. | Y | | |
| Pharmaceutical Microbiology – Theory | BP 303T | B.Pharma | To understand the importance and implementation of sterilization in pharmaceutical processing and industry | Y | | |
| Pharmaceutical Engineering – Theory | BP 304T | B.Pharma | To perform various processes involved in pharmaceutical manufacturing process. | Y | | |
| Pharmaceutical Organic Chemistry II – Practical | BP 305P | B.Pharma | explain the stereo chemical aspects of organic compounds and stereo chemical reactions | | Y | |
| Physical Pharmaceutics I – Practical | BP 306P | B.Pharma | Know the principles of chemical kinetics & to use them for stability testing and determination of expiry date of formulations | | Y | |
| Pharmaceutical Microbiology – Practical | BP 307P | B.Pharma | Know the Structural Activity Relationship (SAR) of different class of drugs | | Y | |
| Pharmaceutical Engineering – Practical | BP 308P | B.Pharma | To appreciate and comprehend significance of plant lay out design for optimum use of resources. | | Y | |
| Pharmaceutical Organic Chemistry III– Theory | BP 401T | B.Pharma | Explain the stereo chemical aspects of organic compounds and stereo chemical reactions. | Y | | |

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|---|---------|----------|--|---|---|---|
| Medicinal Chemistry I – Theory | BP 402T | B.Pharma | Employability | Y | | |
| Physical Pharmaceutics II – Theory | BP 403T | B.Pharma | Demonstrate use of physicochemical properties in the formulation development and evaluation of dosage forms. | Y | | |
| Pharmacology I – Theory | BP 404T | B.Pharma | Explain the mechanism of drug action at organ system/sub cellular/macromolecular levels. | Y | | |
| Pharmacognosy and Phytochemistry I – Theory | BP 405T | B.Pharma | To carry out the microscopic and morphological evaluation of crude drugs | Y | | |
| Medicinal Chemistry I – Practical | BP 406P | B.Pharma | Understand the chemistry of drugs with respect to their pharmacological activity. | | Y | |
| Physical Pharmaceutics II – Practical | BP 407P | B.Pharma | Demonstrate use of physicochemical properties in the formulation development and evaluation of dosage forms. | | Y | |
| Pharmacology I – Practical | BP 408P | B.Pharma | Observe the effect of drugs on animals by simulated experiments | | Y | |
| Pharmacognosy and Phytochemistry I – Practical | BP 409P | B.Pharma | To carry out the microscopic and morphological evaluation of crude drugs. | | Y | |
| Medicinal Chemistry II – Theory | BP:501T | B.Pharma | Study the chemical synthesis of selected drugs | | | Y |
| Industrial PharmacyI– Theory | BP 502T | B.Pharma | Know various considerations in development of pharmaceutical dosage forms. | | | Y |
| Pharmacology II – Theory | BP 503T | B.Pharma | Understand the mechanism of drug action and its relevance in the treatment of different diseases 2. Demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments | | | Y |
| Pharmacognosy and Phytochemistry II– Theory | BP 504T | B.Pharma | To understand the preparation and development of herbal formulation. | | | Y |
| Pharmaceutical Jurisprudence – Theory | BP 505T | B.Pharma | The regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals. | | | Y |
| Industrial PharmacyI – Practical | BP 506P | B.Pharma | Formulate solid, liquid and semisolid dosage forms and evaluate them for their quality | | Y | |
| Pharmacology II – Practical | BP 507P | B.Pharma | Demonstrate the various receptor actions using isolated tissue preparation. | | Y | |
| Pharmacognosy and Phytochemistry II – Practical | BP 508P | B.Pharma | To understand the herbal drug interactions | | Y | |
| Medicinal Chemistry III – Theory | BP 601T | B.Pharma | Know the metabolism, adverse effects and therapeutic value of drugs. | | | Y |
| Pharmacology III – Theory | BP 602T | B.Pharma | Comprehend the principles of toxicology and treatment of various poisoning. | | | Y |
| Herbal Drug Technology – Theory | BP 603T | B.Pharma | know the herbal cosmetics, natural sweeteners, nutraceuticals. | | | Y |
| Biopharmaceutics and Pharmacokinetics – Theory | BP 604T | B.Pharma | To understand the concepts of bioavailability and bioequivalence of drug products and their significance | | | Y |
| Pharmaceutical Biotechnology – Theory | BP 605T | B.Pharma | Genetic engineering applications in relation to production of pharmaceuticals. | | | Y |
| Quality Assurance –Theory | BP 606T | B.Pharma | understand the scope of quality certifications applicable to pharmaceutical industries | Y | | |

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|--|----------|-----------------|--|---|---|---|
| Medicinal chemistry III – Practical | BP 607P | B.Pharma | Understand the chemistry of drugs with respect to their biological activity. | | Y | |
| Pharmacology III – Practical | BP 608P | B.Pharma | Appreciate correlation of pharmacology with related medical sciences. | | Y | |
| Herbal Drug Technology – Practical | BP 609P | B.Pharma | Appreciate patenting of herbal drugs, GMP. | | Y | |
| Instrumental Methods of Analysis – Theory | BP 701T | B.Pharma | Understand the chromatographic separation and analysis of drugs. | | Y | |
| Industrial PharmacyII – Theory | BP 702T | B.Pharma | Understand the process of technology transfer from lab scale to commercial batch. | | | Y |
| Pharmacy Practice – Theory | BP 703T | B.Pharma | Monitor drug therapy of patient through medication chart review and clinical review. | | | Y |
| Novel Drug Delivery System – Theory | BP 704T | B.Pharma | To understand the criteria for selection of drugs and polymers for the development of Novel drug delivery systems, their formulation and evaluation. | | Y | |
| Instrumental Methods of Analysis – Practical | BP 705P | B.Pharma | Perform quantitative & qualitative analysis of drugs using various analytical instruments. | | Y | |
| Practice School | BP 706PS | B.Pharma | Entrepreneurship | | | Y |
| Biostatistics and Research Methodology | BP 801T | B.Pharma | Know the various statistical techniques to solve statistical problems. | Y | | |
| Social and Preventive Pharmacy | BP 802T | B.Pharma | Acquire high consciousness/realization of current issues related to health and pharmaceutical problems within the country and worldwide. | Y | | |
| Pharma Marketing Management | BP 803ET | B.Pharma | The course aims to provide an understanding of marketing concepts and techniques and their applications in the pharmaceutical industry. | Y | | |
| Pharmaceutical Regulatory Science | BP 804ET | B.Pharma | Know the regulatory approval process and their registration in Indian and international markets. | | | Y |
| Pharmacovigilance | BP 805ET | B.Pharma | Dictionaries, coding and terminologies used in pharmacovigilance | | Y | |
| Quality Control and Standardization of Herbals | BP 806ET | B.Pharma | Know the regulatory approval process and their registration in Indian and international markets. | | Y | |
| Computer Aided Drug Design | BP 807ET | B.Pharma | Various strategies to develop new drug like molecules. | | Y | |
| Cell and Molecular Biology | BP 808ET | B.Pharma | Describe the chemical foundations of cell biology. | | Y | |
| Cosmetic Science | BP 809ET | B.Pharma | Cosmetic excipients: Surfactants, rheology modifiers, humectants, emollients, preservatives. Classification and application. | | Y | |
| Experimental Pharmacology | BP 810ET | B.Pharma | Appreciate and demonstrate the various screening methods used in preclinical research | | Y | |
| Advanced Instrumentation Techniques | BP 811ET | B.Pharma | understand the chromatographic separation and analysis of drugs. | | Y | |
| Dietary Supplements and Nutraceuticals | BP 812ET | B.Pharma | Understand the outcome of deficiencies in dietary supplements. | Y | | |
| Project Work | BP 813PW | B.Pharma | Skill Development | | Y | |
| Inorganic Chemistry-I | CHC-101 | M.Sc. Chemistry | To Conduct chemical analyses by qualitative and quantitative analysis of metal complexes | Y | | |

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|--|----------|-----------------|---|---|---|---|
| Organic Chemistry-I | CHC-102 | M.Sc. Chemistry | To Explain the concept of aromaticity and describe the various types of aromaticity | Y | | |
| Physical Chemistry-I | CHC-103 | M.Sc. Chemistry | To Describe the application of perturbation theory to small molecules and applications of variation method and perturbation theory to the helium atom. | Y | | |
| Spectroscopy-I | CHC-104 | M.Sc. Chemistry | Analyse the effect of isotopic substitution and nonrigid bond and polyatomic molecules, determine the: Rotation of molecules, rotational spectra, diatomic molecules and other structural parameters. | Y | | |
| Mathematics for Chemist and Computer for Chemist | CHE-101A | M.Sc. Chemistry | To Describe basic rules for integration and applications of integral calculus. | | Y | |
| Biology for Chemists and Computer for Chemist | CHE-101B | M.Sc. Chemistry | To Function and organization of various bio-molecules present in the living cell. | | Y | |
| Inorganic Chemistry-I (Practical) | CHC-105 | M.Sc. Chemistry | To Application of the techniques and their characterization of coordination complexes. | | Y | |
| Organic Chemistry-I (Practical) | CHC-106 | M.Sc. Chemistry | To Deduction of absolute configuration, Octant rule for ketones. | | Y | |
| Physical Chemistry-I (Practical) | CHC-107 | M.Sc. Chemistry | To Photochemistry and photophysical principles, Theory of photoreaction. | | Y | |
| Inorganic Chemistry-II | CHC-201 | M.Sc. Chemistry | To Describe the fundamental requirement for interpretation of electronic spectra of metal compound for prediction of their properties | Y | | |
| Organic Chemistry-II | CHC-202 | M.Sc. Chemistry | To differentiate the various types of aliphatic electrophilic substitution mechanism. | Y | | |
| Physical Chemistry-II | CHC-203 | M.Sc. Chemistry | To Describe and understand the basic principle of unimolecular reactions and fast reaction kinetics | Y | | |
| Spectroscopy-II | CHC-204 | M.Sc. Chemistry | To Describe the electron diffraction and neutron diffraction and its measurements techniques. | Y | | |
| Environmental Chemistry | CHC-205 | M.Sc. Chemistry | Demonstrate knowledge of chemical and biochemical principles of fundamental environmental processes in air, water, and soil. | Y | | |
| Inorganic Chemistry-II (Practical) | CHC-206 | M.Sc. Chemistry | To Conduct separation and estimation of amount of metal ions in binary metal ion mixture. | | Y | |
| Organic Chemistry-II (Practical) | CHC-207 | M.Sc. Chemistry | Skill Development | | Y | |
| Physical Chemistry-II (Practical) | CHC-208 | M.Sc. Chemistry | Skill Development | | Y | |
| Inorganic Chemistry-III | CHC-301 | M.Sc. Chemistry | To identify the axis, plane, center and point group, product of symmetry operation and character table of chemical compounds | Y | | |
| Organic Chemistry-III | CHC-302 | M.Sc. Chemistry | To describe photochemical reactions and photochemistry of carbonyl compounds. | Y | | |
| Physical Chemistry-III: Solid State Chemistry | CHC-303 | M.Sc. Chemistry | To Explain about the stoichiometric crystal defects and non-stoichiometry. | Y | | |
| Molecular Dynamics | CHE301A | M.Sc. Chemistry | To Explain about the theory of isotope effects and solvent effects. | Y | | |
| Analytical Chemistry | CHE301B | M.Sc. Chemistry | To Explain the principal, instrumentation and application of High-Performance Liquid Chromatography. | | | Y |
| Photochemistry | CHE301C | M.Sc. Chemistry | To Explain about the study of photochemistry of ketone-photo reduction-photo cycloaddition. | | | Y |

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|------------------------------------|--------------|-----------------|--|----------------------|--------------------------|-------------------------|
| Biochemistry | CHE301D | M.Sc. Chemistry | To Explain about vitamins, coenzymes, prosthetic groups, apoenzymes. Structure and biological functions of coenzyme A, thiamine pyrophosphate, pyridoxal phosphate, NAD ⁺ , NADP ⁺ , FMN, FAD, lipoic acid, vitamin B12. | | | Y |
| Theoretical Chemistry | CHE302A | M.Sc. Chemistry | To Describe the Maxwell-Boltzmann distribution law of molecular velocities and energies. Bose-Einstein and Fermi- Dirac statistics, Application of Fermi-Dirac and Bose-Einstein statistics. | | Y | |
| Chemistry of Materials | CHE302B | M.Sc. Chemistry | To explain the mechanism of formation of nanomaterials, role of surfactants in the synthesis of nonmaterial | | Y | |
| Electrochemistry | CHE302C | M.Sc. Chemistry | To Apply the knowledge to calculate electrochemical cell parameters, over potential, active surface areas. | | Y | |
| Medicinal Chemistry | CHE302D | M.Sc. Chemistry | To Describe the common methods of preparation and its use of Non-steroidal Anti-inflammatory, Antihistaminic and antiasthmatic drugs. | | | Y |
| Inorganic Chemistry-III(Practical) | CHC 304 | M.Sc. Chemistry | To Synthesis, separation and purification of following inorganic compounds, and their characterization. | | Y | |
| Organic Chemistry-III (Practical) | CHC 305 | M.Sc. Chemistry | To Application of the techniques and their characterization of coordination complexes | | Y | |
| Physical Chemistry-III (Practical) | CHC 306 | M.Sc. Chemistry | To Determination of activation energy. | | Y | |
| Inorganic Chemistry-IV | CHC 401 | M.Sc. Chemistry | To Describe structure and function of metalloproteins in electron transport process. | | | Y |
| Organic Chemistry-IV | CHC 402 | M.Sc. Chemistry | To Vibrational frequencies of functional groups, λ max of α , β -unsaturated carbonyl compounds. | | | Y |
| Physical Chemistry-IV | CHC 403 | M.Sc. Chemistry | To Nuclear spin, nuclear resonance, saturation, J exchange phenomena | | | Y |
| Organic synthesis | CHE401A | M.Sc. Chemistry | To explain the concepts of one-, two-group C-C bond disconnections | | | Y |
| Polymers | CHE-401B | M.Sc. Chemistry | To Describe fundamental of conducting polymers and their various application | | Y | |
| Organo TransitionalMetal Chemistry | CHE-401C | M.Sc. Chemistry | To Describe the methods of synthesis, properties of mono, di, tri, tetra, penta and hexa- haptorgano transition metal compound. | | Y | |
| Solid state chemistry | CHE401D | M.Sc. Chemistry | To Describe solid state phase relations, their chemical synthesis, and thermodynamically and kinetic parameter's reaction kinetics as well as characterization methods. | | Y | |
| Chemistry of Natural Products | CHE402A | M.Sc. Chemistry | To Describe the redox reactions by excited metal complexes. | | Y | |
| Physical Organic Chemistry | CHE-402B | M.Sc. Chemistry | To Explain the acids, bases, electrophiles, nucleophiles and catalysis | | Y | |
| Heterocyclic Chemistry | CHE-402C | M.Sc. Chemistry | To Explain on a mechanistic level, reactions and synthesis of important electron deficient nitrogen containing heterocycles; pyridines, diazines and their benzo-condensedanalogs | | Y | |
| Name of the Course | Program Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |

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| Micro Economic Analysis -I | 101 C | M.A Economics | After completing this paper student will be able to understand Introduction and Basic Concepts Demand Analysis, Theory of Production and Costs Production function, Price and Output Determination, Alternative Theories of the Firm, Welfare Economics, General Equilibrium, Economics of Uncertainty and to analyse the issues in individual decision-making units in economics+ | | Y | |
| Macro Economic Analysis -I | 102 C | M.A Economics | The paper entitled “Macro Economic Analysis” equips the students at the postgraduate level to understand systemic facts and latest theoretical developments for empirical analysis. | | Y | |
| Economics of Growth and Development-I | 103 C | M.A Economics | The other important issues in the context of development such as infrastructure-linkages, role of international trade, importance of domestic macroeconomic policies, investment criteria, and relevance of planning have been included in the modules of this paper. | Y | | |
| Quantitative Methods-I | 104 C | M.A Economics | The paper also deals with simple tools and techniques, which will help a student in data collection, presentation, analysis and drawing inferences about various statistical hypotheses | Y | | |
| Public Economics-I | 105 C | M.A Economics | This paper combines a thorough understanding of fiscal institutions with a careful analysis of the issues which underline budgetary policies in general and Indian experience in particular. | | Y | |
| Micro Economic Analysis -II | 201 C | M.A Economics | Skill Development | | Y | |
| Economics of Growth and Development-II | 203 C | M.A Economics | Skill Development | | Y | |
| Quantitative Methods-II | 204 C | M.A Economics | The paper also deals with simple tools and techniques, which will help a student in data collection, presentation, analysis and drawing inferences about various statistical hypotheses. | Y | | |
| Public Economics-II | 205 C | M.A Economics | This paper combines a thorough understanding of fiscal institutions with a careful analysis of the issues which underline budgetary policies in general and Indian experience in particular | Y | | |
| International Economics-I | 301 C | M.A Economics | The study of the paper under the present era of globalization will train the students about the likely consequences on income, employment and social standards and possible policy solutions as the world will move into the 21st century. | | Y | |
| Indian Economy: Structure, Problems And Policy-I | 302 C | M.A Economics | The emphasis of the paper is on overall social, political and economic environment influencing policy decisions. To develop all these themes, the course is divided into specific modules. | | Y | |
| Labour Economics-I | 303 E(A) | M.A Economics | This Paper exposes students to theoretical as well as empirical issues relating to the labor market with special reference to India. | | Y | |
| Mathematical Economics-I | 303 E(B) | M.A Economics | The use of calculus has permitted formulation of economic problems in multivariable mode and yield valuable insight about optimizing human behavior | | Y | |

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|---------------------------------------|----------|------------------|--|---|---|---|
| Demography-I | 303 E(C) | M.A Economics | The paper exposes the students to sources of population and related characteristics as also to the rationale, need and evolution of population policy. | | Y | |
| History Of Modern Economic Thought-I | 303 E(D) | M.A Economics | Skill Development | | Y | |
| Industrial Economics-I | 304 E(A) | M.A Economics | Skill Development | Y | | |
| Econometrics-I | 304 E(B) | M.A Economics | This paper accordingly is devoted to equip the students with basic theory of econometrics and relevant applications of the methods. The topics covered in the course include various problems faced in estimation of both single equations and simultaneous equations models. | | Y | |
| Economics Of Gender And Development-I | 304 E(C) | M.A Economics | The modules incorporated in this course provide an analysis of issues at the theoretical level and also with regard to specificity of issues prevailing in the Indian context. | | Y | |
| Economics Of Infrastructure - I | 304 E(D) | M.A Economics | The contents of the paper 'Economics of Infrastructure' exposes the student wholly to issues involved in development of infrastructure in developing countries like India. | | Y | |
| Welfare Economics – I | 305 E(A) | M.A Economics | In order to meet this requirement, this course is essential and has been designed in a way that the students of economics would be able to comprehend the basic economic issues affecting the economy along with the related welfare aspects. | | Y | |
| Agricultural Economics-I | 305 E(B) | M.A Economics | The paper exposes the student's understanding about Agriculture and Economic Development, Diversification of Rural Economic Activities, Agricultural Production and Productivity, Land Reforms and Land Policy, Rural Labour Market Rural labour, Rural Finance, Agricultural Prices, Agricultural Growth in India, Agriculture and External Sector | Y | | |
| Environmental Economics-I | 305 E(C) | M.A Economics | Modules incorporated in this paper are devoted to issues of environmental economics, environmental and social services and the problem of valuation of these services, and designing of instruments and institutions for the management of environment. The models of optimal use of natural resources, macroeconomic issues, sustainable development, environmental resource problems in India and the economics of health and education constitute the other areas of the modules of this paper. | Y | | |
| Economics Of Insurance – I | 305 E(D) | M.A Economics | This course on Insurance Economics attempts to give a fairly comprehensive view of the subject to the postgraduate students in Economics and pave the way for possible future expansion of the teaching of an important branch of economics. | Y | | |
| Project Work-I | 306 | M.A Economics | Entrepreneurship | | | Y |
| International Economics-II | 401 C | M.A Economics | Skill Development | | Y | |

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|---|--------------|------------------|--|----------------------|--------------------------|-------------------------|
| Indian Economy: Structure, Problems And Policy-II | 402 C | M.A Economics | Skill Development | | Y | |
| Labour Economics-II | 403 E(A) | M.A Economics | Skill Development | | Y | |
| Mathematical Economics-II | 403 E(B) | M.A Economics | Skill Development | | Y | |
| Demography-II | 403 E(C) | M.A Economics | Skill Development | | Y | |
| History Of Modern Economic Thought-II | 403 E(D) | M.A Economics | Skill Development | | Y | |
| Industrial Economics-II | 404 E(A) | M.A Economics | Entrepreneurship | | | Y |
| Econometrics-II | 404 E(B) | M.A Economics | Skill Development | | Y | |
| Economics Of Gender And Development-II | 404 E(C) | M.A Economics | Skill Development | | Y | |
| Economics Of Infrastructure - II | 404 E(D) | M.A Economics | The contents of the paper 'Economics of Infrastructure' exposes the student wholly to issues involved in development of infrastructure in developing countries like India. | | Y | |
| Welfare Economics – II | 405 E(A) | M.A Economics | Skill Development | | Y | |
| Agricultural Economics-II | 405 E(B) | M.A Economics | Employability | Y | | |
| Environmental Economics-II | 405 E(C) | M.A Economics | Employability | Y | | |
| Economics Of Insurance – II | 40C E(D) | M.A Economics | Entrepreneurship | | | Y |
| Project Work-II | 406 | M.A Economics | Skill Development | | Y | |
| Name of the Course | Program Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Childhood & Growing Up | CC 1 | B.Ed | Understanding of different aspects of a child's physical, motor, social and emotional development. | | Y | |
| Education in India- Status, Problems and Issues | CC2 | B.Ed | Student Teacher will understand the different projects and schemes at Secondary level in M.P | Y | | |
| Curriculum Development & School | CC 3 | B.Ed | Design curriculum in the context of school experiences, evaluation, power, ideology, process and practise and its transactional modes. | | Y | |
| Language across the curriculum – Part 1 | CC 4 | B.Ed | Understand importance and use of first and second language, multilingualism and impact of culture. | | Y | |
| Reading and Reflecting on Texts | EPC-AESD-1 | B.Ed | Skill Development | | Y | |
| Learning & Teaching | CC 1 | B.Ed | Aware of different contexts of learning and situate schools as a special environment for learning | Y | | |

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|--|--------------|--------------|---|----------------------|--------------------------|-------------------------|
| Pedagogy of a School Subject – Part 1 | PC 1 | B.Ed | Understand the aims and objectives of teaching | Y | | |
| Pedagogy of a School (Part II) | PC 2 | B.Ed | Understand and apply the principles of organizing content in the teaching | Y | | |
| Skills And Strategies Of Teaching | CC 2 | B.Ed | Understand the content of application of different strategies of teaching and also implement them. | | Y | |
| Drama & Art in Education | EPC-AESD-2 | B.Ed | Skill Development | | Y | |
| Population Education And Adult Education | CC1 | B.Ed | Understanding and awareness of professional ethics | Y | | |
| School Internship | CC2 | B.Ed | Prepare a lesson note and teach accordingly | | | Y |
| Educational Psychology Practical | EPC-3 | B.Ed | Identify how psychologists' study human behaviour and how this knowledge can be used to explain, predict, and influence behaviour | | | Y |
| Gender School & Society | CC 1 | B.Ed | Develop an understanding of the inequality and disparities in equal opportunities in education in societal context | | | |
| Educational Technology & ICT | CC 2 | B.Ed | Understand the computer peripherals and its organization in computer system | | Y | |
| Creating an Inclusive School | CC3 | B.Ed | Develop understanding about accommodating special needs in regular classroom | | Y | |
| Guidance & Counselling | CC 4(A) | B.Ed | Student teachers discover and develop open-mindedness, the attitude of a self-motivated learner, having self-knowledge and self-restraint | | | Y |
| Environmental education | CC 4(B) | B.Ed | Develop awareness about the various types of pollution, ecological imbalances and life and contributions of environmental activities. | | Y | |
| Name of the Course | Program Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Educational Philosophy | MAED-01 | MA Education | Skill Development | | Y | |
| Advanced Educational Psychology | MAED-02 | MA Education | Skill Development | | Y | |
| Sociological Foundation of Education | MAED-03 | MA Education | Employability | Y | | |
| Practical-Field work & Seminar Presentation | MAED-04 | MA Education | Skill Development | | Y | |
| History of Indian education | MAED-05 | MA Education | Employability | Y | | |
| Advanced Educational Technology and Management | MAED-06 | MA Education | Employability | Y | | |
| Advanced Research Statistics | MAED-07 | MA Education | Skill Development | | Y | |
| Practical-Case Study | MAED-08 | MA Education | Skill Development | | Y | |
| Comparative Education | MAED-09 | MA Education | Skill Development | | Y | |
| Population Education | MAED-10 | MA Education | Skill Development | | Y | |
| Methods of Teaching | MAED-11 | MA Education | Skill Development | | Y | |

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|---|--------------|---------------|--|----------------------|--------------------------|-------------------------|
| Computer Education | MAED-12 | MA Education | Skill Development | | Y | |
| Extension Education | MAED-13 | MA Education | Skill Development | | Y | |
| Educational guidance and Counseling | MAED-14 | MA Education | Entrepreneurship | | | Y |
| Advance Special Education | MAED-15 | MA Education | Employability | Y | | |
| Practical-Dissertation | MAED-16 | MA Education | Skill Development | | Y | |
| Name of the Course | Program Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Poetry | MEn. 101 | MA in English | Students will gain the ability to understand, analyze and critically appreciate texts in terms of plot construction, socio-cultural contexts and genre of drama | | Y | |
| Drama | MEn. 102 | MA in English | Appreciate the pluralistic and inclusive nature of Indian classical literature and its attributes | | Y | |
| Fiction | MEn. 103(A) | MA in English | Understand and creatively engage with the notion of nation and nationalism. | | Y | |
| Indian Fiction | MEn. 103(B) | MA in English | Students will explore its religious, political, philosophical and cultural aspects of the prescribed texts. | | Y | |
| Prose | MEn. 104 | MA in English | Improved employability through language competency and proficiency | | Y | |
| Skill Development: Phonetics and Spoken English | MEn. 105 | MA in English | Students will learn how poetic language can help them attain gravity, clarity, depth and complexity in verbal and written expression. | | Y | |
| Poetry | MEn. 201 | MA in English | Improved employability through language competency and proficiency | | Y | |
| Drama | MEn. 202(A) | MA in English | Develop critical thinking and analytical skills through the study of literary and cultural texts. | | Y | |
| Indian Drama | MEn. 202(B) | MA in English | Critically appreciate the creative use of the English language in Indian Drama | | Y | |
| Fiction | MEn. 203 | MA in English | Students will be able to enhance and diversify their knowledge acquired in Fiction | | Y | |
| Prose | MEn. 204 | MA in English | Enhanced skills and proficient expression gained through evaluation and synthesis of literary and cultural texts | | Y | |
| Minor Project | MEn. 205 | MA in English | Entrepreneurship | | | Y |
| Critical Theory | MEn. 301 | MA in English | Students will become aware of vivid literary traditions of the world and get acquainted with literary studies and analyse text in multiple genres through application of critical and theoretical approaches | | Y | |
| English Language | MEn. 302 | MA in English | Understand that all languages behave alike and develop a tolerance for other languages | | Y | |
| Indian Writing in English | MEn. 303(A) | MA in English | Engage with Indian literary texts written in English and critically appreciate its historical trajectory from colonial times till the present. | Y | | |
| Literature in English | MEn. 303(B) | MA in English | Employability | Y | | |

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|---|--------------|---------------|--|----------------------|--------------------------|-------------------------|
| Special Studies | MEn. 304(A) | MA in English | To promote knowledge of research methodology and research ethics in students. | | Y | |
| American Literature | MEn. 304(B) | MA in English | Students will be able to understand and analyse the diversity of American literature with historical, political, religious and philosophical contexts. | | Y | |
| Linguistics & Stylistics | MEn. 304(C) | MA in English | Allow the students to develop a linguistic perspective to the study of language | | Y | |
| Skill Development: Communicative & Conversational English | MEn. 305 | MA in English | Develop the professional ability to communicate information clearly and effectively in all kinds of environment and contexts | | Y | |
| Critical Theory | MEn. 401 | MA in English | Acquire in-depth knowledge of literary theories and critical approaches to English literature | | Y | |
| English Language | MEn. 402 | MA in English | Students will be able to demonstrate proficiency in written and oral communication | Y | | |
| Indian Writing in English | MEn. 403(A) | MA in English | Evaluate and synthesise the vision and technique used in Indian novels and perspectives of Indian drama and postcolonial Indian poetry in English. | Y | | |
| Commonwealth Literature in English | MEn. 403(B) | MA in English | Students will be able to explore commonwealth literature with historical, political and cultural aspects | | Y | |
| Special Studies | MEn. 404(A) | MA in English | Develop the ability to pursue research. | | Y | |
| American Literature | MEn. 404(B) | MA in English | Students will be able to enhance and diversify their knowledge of acquired in American literature | | Y | |
| Linguistics & Stylistics | MEn. 404(C) | MA in English | Students will be able to demonstrate proficiency in written and oral communication | | Y | |
| Skill Development: Management Studies | MEn. 405 | MA in English | Develop the professional ability to communicate information clearly and effectively in all kinds of environment and contexts. | | | Y |
| Name of the Course | Program Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Hindi Sahitya ka Itihas (Aadikal avm Madhyakal) | HDC 1 | MA (Hindi) | Employability | Y | | |
| Prachin avm Madhyakalin Kavya | HDC 2 | MA (Hindi) | Skill Development | | Y | |
| Hindi Bhasha avm Vyakaran | HDC 3 | MA (Hindi) | Skill Development | | Y | |
| Anuvaad- Sidhant avm Prayog | HDC 4 | MA (Hindi) | Skill Development | | Y | |
| Hindi Sahitya ka Itihas (Adhunika Kaal) | HDC 5 | MA (Hindi) | Skill Development | | | |
| Hindi Upannayasa avm Laghu Katha Sahitya | HDC 6 | MA (Hindi) | Skill Development | | Y | |
| Bhartiya avm Pashchitya Sahitya Sharshta | HDC 7 | MA (Hindi) | Skill Development | | Y | |
| Hindi Bhasha ki Utpatti va Vikas avm Hindi ke Sarachna | HDC 8 | MA (Hindi) | Employability | Y | | |

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|---|--------------|------------------------------|---|---------------|-------------------|------------------|
| Adhunik Hindi Kavita (Chhayavad) | HDC 9 | MA (Hindi) | Skill Development | | Y | |
| Bhashavigyan | HDC 10 | MA (Hindi) | Skill Development | | Y | |
| Natak avm Nibandh | HDC 11 | MA (Hindi) | Skill Development | | Y | |
| Loksahtya | HDC 12 | MA (Hindi) | Skill Development | | Y | |
| Uttar Chhayavad Kavya avm unka Itihas | HDC 13 | MA (Hindi) | Employability | Y | | |
| Patrakarita avm Jansanchhar | HDC 14 | MA (Hindi) | Employability | Y | | |
| Vartmaan Vimarsh avm Hindi Sahitya | HDC 15 | MA (Hindi) | Skill Development | | Y | |
| Laghu Sodh Prabandh | HDC 16 (A) | M.A (Hindi) | Skill Development | | Y | |
| Pariyogna Karya Sahityak Varg | HDC 16 (B) | MA (Hindi) | Employability | Y | | |
| Name of the Course | HDC 16 (C) | Ma (Hindi) | | | Y | |
| | Program Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Ramcharitmanas ka Bhashiya avm Sanskritik Sawrup | PGDHR-02 | PG Diploma in Ramcharitmanas | Skill Development | | Y | |
| Ramcharitmanas Prayawarneya chetna avm antarrahishtrya sohardya | PGDHR-02 | PG Diploma in Ramcharitmanas | Skill Development | | Y | |
| Name of the Course | Program Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Karyaleaan Hindi avm sanchar bhasha ka sawrup | PGDHP-03 | PG Diploma in Ramcharitmanas | Skill Development | | Y | |
| Patrakarita Sarachna avm Aunvaad Pravidhi | PGDHP-04 | PG Diploma in Ramcharitmanas | Skill Development | | Y | |
| Name of the Course | Program Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Historiography, Concept, Method and Tools | HSC101 | M.A (History) | The whole study of this paper would establish the student's strong command over the discipline history, would lay a firm foundation for doing research in future and make his writings more mature and objective. | | Y | |
| Indian History (1757-1857 AD) | HSC102 | M.A (History) | The students will also learn how India was functioning viably at the time of British advent. | | Y | |
| 20th Century World | HSC103 | M.A (History) | The students would get aware towards liberalism and democracy | | Y | |

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|---|--------|---------------|--|---|---|--|
| World History (18th and 19th Centuries) | HSC104 | M.A (History) | The students will come to know how Europeans began to relinquish blind faith in religion and started thinking and acting reasonably and scientifically | | Y | |
| Historiography, Concept, Method and Tools | HSC201 | M.A (History) | Course content of this paper aims that the history students become objective researchers at the PhD level and later contribute to the existing knowledge of history discipline, when they become academicians | | Y | |
| Indian History (1757-1857 AD) | HSC202 | M.A (History) | The students will learn about the socio-economic policies of British in India and how the country moved towards modernity through the development of railways, Posts and Telegraphs and new urban center. | | Y | |
| 20th Century World | HSC203 | M.A (History) | They will also learn how Pt Nehru, Marshal Tito and President Nasser gave able leadership to third world countries in such a scenario. | | Y | |
| World History (18th and 19th Centuries) | HSC204 | M.A (History) | This paper takes a world view in the referred period. The various nationalist struggles in Europe and America. How capitalism, imperialism and colonialism are interrelated. The students will also know about the resurgence East Asian powers in 18th and 19th centuries | | Y | |
| History of Marathas | HSC301 | M.A (History) | This paper teaches about Hindu resurgence against the later decadent Mughals, the resurgence, which was led by the brave Shivaji and Marathas. The beginning of consolidation of Maratha empire under Peshwa Balaji Vishwanath would also be discussed | | Y | |
| History of Modern India 1858-1975 AD | HSC302 | M.A (History) | This paper will teach the students, the consolidation of British rule and its socio-economic impact upon us. The students will also learn, how India evolved constitutionally. | | Y | |
| Women in Indian History | HSC303 | M.A (History) | This paper intends for gender sensitization of all students so that they become more civilized citizens of India. The students will be taught the Liberal, Marxist, Socialist, Radical and Post-Modernist approaches towards the women's studies. They will also know the women's status in ancient, mediaeval and modern India; the work done by ancient learned women, mediaeval saints and modern Indian renaissance leaders. Conditions of tribal women and rights of women in general will also be discussed. | | Y | |
| Historical Application in Tourism | HSC304 | M.A (History) | This paper intends to make the student, aware and well informed of the rich cultural heritage of India. Some units of this paper are so designed that if a student wants to join any section of tourism business, he has some background of it in mind | | Y | |
| History of Marathas 1627-1818 AD | HSC401 | M.A (History) | This paper will teach the students, the Maratha history from the period of Peshwa Baji Rao I to the third Anglo Maratha war and the fall of Maratha confederacy in 1818. The students would learn about aspects of feudalism that developed in the Maratha confederacy with the passage of time | Y | | |

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|--|--------------------|-----------------------|---|----------------------|--------------------------|-------------------------|
| History of Modern India 1858-1975 | HSC402 | M.A (History) | In this paper the students will learn about the Indian nationalism which emerged in the late 19th century (However it necessary to note here that Indian nationalism was not a bye product of the British rule but is as ancient as the Indus Valley civilization and the Aryan Culture). Then the students will learn about the Gandhian movements and the greatness of this Mahatma. The students will also be taught about the contributions of the revolutionaries, including Netaji Subhas Chandra Bose. By making them aware of the communal politics, it is hoped that the students would not fall prey to divisive forces around them. About the post-independence history; land question, industrial policy, women's empowerment and scientific and technological developments will be taught. India's role in liberation and integration of Goa will also be explained. | Y | | |
| Women in Indian History | HSC403 | M.A (History) | This paper is continuation of the same titled paper in Semester III. It traces, women's empowerment through ancient, mediaeval and modern times. Also their role in the revolutionary and national movements. Women's cultural achievements will also be discussed. | Y | | |
| Historical Application in Tourism | HSC404 | M.A (History) | In this paper the students would learn much about the Indian culture, including the folk culture. Also, all the aspects of guiding skills. All this would be much beneficial to them, if they decide to join the tourism business. | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| English | BAMC 101 | BA Mass Communication | Students would be able to create linguistic skills | | Y | |
| Hindi | BAMC 102 | BA Mass Communication | Students would be able to inculcate the knowledge of grammar in Hindi/Regional Language | | Y | |
| Introduction to mass Communication | BAMC 103 | BA Mass Communication | Students would be able to introduce themselves to the theories of Communication | | | |
| History of Media | BAMC 104 | BA Mass Communication | Students would be able to acquaint themselves with the glorious journey of journalism | | Y | |
| Practical & Viva-voce | BAMC 105 | BA Mass Communication | Skill Development | | Y | |
| Writing for Mass Media | BAMC 201 | BA Mass Communication | Students will have the knowledge of web writing | | Y | |
| Computer Application | BAMC 202 | BA Mass Communication | Students will learn about computer | | | |
| Economic Development & Planning in India | BAMC 203 | BA Mass Communication | Students will be able to ascertain and understand characteristics of under development | | Y | |
| Public Administration, Society and Media | BAMC 204 | BA Mass Communication | Students will get to know about administration and its composition | | Y | |

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|--|----------|-----------------------|---|---|---|---|
| Practical & Viva-voce | BAMC 205 | BA Mass Communication | Skill Development | Y | | |
| Reporting | BAMC 301 | BA Mass Communication | Students would be able to understand the basics of reporting | Y | | |
| Editing | BAMC 302 | BA Mass Communication | Employability | Y | | |
| Photo Journalism | BAMC 303 | BA Mass Communication | Learner would learn the concepts and importance of photography | | Y | |
| Indian Government Politics and International Relations | BAMC 304 | BA Mass Communication | Students will know about India's foreign policy. | | Y | |
| Practical & Viva-voce | BAMC 305 | BA Mass Communication | Skill Development | Y | | |
| Advance Reporting | BAMC 401 | BA Mass Communication | Students would be able to understand the basics of advance reporting | Y | | |
| Advance Editing | BAMC 402 | BA Mass Communication | Students would be able to familiarize themselves with the basics of advance editing | | | Y |
| Design & Graphics | BAMC 403 | BA Mass Communication | The students will get with proper knowledge of principles of design and layout | | Y | |
| Indian constitution and media law | BAMC 404 | BA Mass Communication | Shall have understanding of our Indian Constitution. | | Y | |
| Practical & Viva-voce | BAMC 405 | BA Mass Communication | Skill Development | | Y | |
| Advertising | BAMC 501 | BA Mass Communication | Students would learn development of advertising and basic concepts | | Y | |
| Public Relation | BAMC 502 | BA Mass Communication | Students would gain knowledge about the tools of public relations | | Y | |
| Current Affairs | BAMC 503 | BA Mass Communication | Students would be able to impart the extensive knowledge about general knowledge, general awareness and contemporary activity etc. local, regional, national and international level about socio-economic issues. | | Y | |
| Introduction to Audio-visual media | BAMC 504 | BA Mass Communication | Students will be able to do the editing both offline and online programme of television with using the software. | | Y | |
| Practical & Viva-voce | BAMC 505 | BA Mass Communication | Skill Development | | Y | |
| Development communication | BAMC 601 | BA Mass Communication | Students would learn the concepts meaning and model shop the development | | Y | |
| Film journalism | BAMC 602 | BA Mass Communication | It will provide proper and depth knowledge of cinema and its birth | Y | | |
| Editorial & feature writing | BAMC 603 | BA Mass Communication | Student will know importance of human interest in features | | | Y |
| Newspaper management | BAMC 604 | BA Mass Communication | Student will learn about language of newspaper | Y | | |
| Practical & Viva-voce | BAMC 605 | BA Mass Communication | Skill Development | | Y | |

| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
|---|----------------|-------------------------------|--|---------------|-------------------|------------------|
| History of Journalism & Press Laws | BJC 101 | BA Journalism & Communication | Student would get depth knowledge about journalism and its origin and growth | | Y | |
| Introduction of Mass Communication & Theories | BJC 102 | BA Journalism & Communication | Students would be able to introduce themselves to the theories of Communication | | Y | |
| Reporting, Feature Writing & News agency | BJC 103 | BA Journalism & Communication | Students would be able to understand to the basics of reporting | Y | | |
| Editing Production & New Media Application | BJC 104 | BA Journalism & Communication | Students would be able to familiarize themselves with the basics of editing | Y | | |
| Practical | BJC 105 | BA Journalism & Communication | Skill Development | | Y | |
| Principle of Advertising & Public Relations | BJC 102 | BA Journalism & Communication | Learner will have the knowledge of self-employment | | Y | |
| Audio Visual Communication | BJC 202 | BA Journalism & Communication | Students will anchor, present and able to produce television news bulletin | | Y | |
| Development Communication | BJC 203 | BA Journalism & Communication | Students would learn the concepts meaning and model shop the development | | Y | |
| Dissertation | BJC 204-I | BA Journalism & Communication | Students would be able to create understanding of specialize reporting | | Y | |
| Production Of Lab Journal | BJC 204-II(A) | BA Journalism & Communication | Students can produce radio news bulletin | Y | | |
| Electronic Media Production | BJC 204(B) | BA Journalism & Communication | Learner will gain basic understanding of communication technology | Y | | |
| Study Tour | BJC 204-III(A) | BA Journalism & Communication | Entrepreneurship | | | Y |
| Internship | BJC 204-III(B) | BA Journalism & Communication | Entrepreneurship | | | Y |
| Press Conference | BJC 204-III(C) | BA Journalism & Communication | Skill Development | | Y | |
| Practical | BJC 205 | BA Journalism & Communication | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Communication Theories | MAMC 101 | MA Mass Communication | Students would know different programmes and policies of the development. | | Y | |

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|--|-------------|-----------------------|--|---|---|---|
| Print Media (Specialized course) | MAMC 102 | MA Mass Communication | Students would be able to develop the knowledge of news agency | Y | | |
| Public Relation | MAMC 103 | MA Mass Communication | Students would learn the basics of public relations writings | | Y | |
| Advertising | MAMC 104(A) | MA Mass Communication | Students would learn development of advertising and basic concepts | | | Y |
| Advertising & Marketing Research | MAMC 104(B) | MA Mass Communication | Student will learn evolution of advertising, effective functions and role of advertising | | Y | |
| Practical | MAMC 105 | MA Mass Communication | Skill Development | | Y | |
| International Communication | MAMC 201 | MA Mass Communication | It will provide detailed knowledge of cultural dimensions of international communication, political and economic | | Y | |
| Communication Research | MAMC 202 | MA Mass Communication | Students would know the difference between communication research, media research and social research | | Y | |
| Electronics Communication | MAMC 203 | MA Mass Communication | Students will be able to understand the working pattern of electronic media platform | | Y | |
| Media Development Laws & Ethics | MAMC 204(A) | MA Mass Communication | Shall have understanding of our Indian Constitution | | Y | |
| Media Laws & Ethics | MAMC 204(B) | MA Mass Communication | Shall have understanding of our Indian Constitution | | Y | |
| Practical | MAMC 205 | MA Mass Communication | Skill Development | | Y | |
| Media Management | MAMC301 | MA Mass Communication | It will provide all depth knowledge about media management and their significance. | Y | | |
| Editing Photo Journalism & Comp. Application | MAMC302 | MA Mass Communication | Students would be able to understand the process of editing for various platforms | | | Y |
| Inter Culture Communication | MAMC303 | MA Mass Communication | Students will learn perception of the world, varied eastern concepts and retention of information | | Y | |
| Radio Journalism | MAMC 304(A) | MA Mass Communication | Students will be able to cover events using mobile phones and right radio news stories | Y | | |
| TV Journalisms | MAMC 304(B) | MA Mass Communication | Students will be able to write scripts of television news stories, special stories and on the spot reporting | Y | | |
| Practical | MAMC 305 | MA Mass Communication | Skill Development | | Y | |
| New Media Application | MAMC 401 | MA Mass Communication | Learner will gain basic understanding of communication tech | | Y | |
| Corporate Communication | MAMC 402 | MA Mass Communication | It will build students communication skill and provides knowledge of corporate communication | | Y | |

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|----------------------------------|--------------------|-------------------------------|--|----------------------|--------------------------|-------------------------|
| Specialized Paper Print | MAMC 403(A) | MA Mass Communication | Students would able to understand the working pattern of various print media platform | Y | | |
| Specialized Paper Electronic | MAMC 403(B) | MA Mass Communication | Students will be able to understand the working pattern of electronic media platform. | | Y | |
| Dissertation | MAMC 404 | MA Mass Communication | Skill Development | | Y | |
| Practical | MAMC 405 | MA Mass Communication | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Communication Theories | MJC 101 | MA Journalism & Communication | Students would know different programmes and policies of the development | | Y | |
| Print Media (Specialized course) | MJC 102 | MA Journalism & Communication | Students would able to understand the working pattern of various print media platform | Y | | |
| Public Relation | MJC 103 | MA Journalism & Communication | Students would gain knowledge about the tools of public relations | | Y | |
| Advertising | MJC 104(A) | MA Journalism & Communication | Students would learn development of advertising and basic concepts | | Y | |
| Advertising & Marketing Research | MJC 104(B) | MA Journalism & Communication | Student will learn evolution of advertising, effective functions and role of advertising | | Y | |
| Practical | MJC 105 | MA Journalism & Communication | Skill Development | | Y | |
| International Communication | MJC 201 | MA Journalism & Communication | Students will learn writing and coverage of issues in international communication | | Y | |
| Communication Research | MJC 202 | MA Journalism & Communication | Students would know the difference between communication research, media research and social research. | | Y | |
| Electronics Communication | MJC 203 | MA Journalism & Communication | Students will be able to understand the working pattern of electronic media platform | | Y | |
| Media Development Laws & Ethics | MJC 204(A) | MA Journalism & Communication | Shall have understanding of our Indian Constitution | | Y | |
| Media Laws & Ethics | MJC 204(B) | MA Journalism & Communication | Shall have understanding of our Indian Constitution | | Y | |
| Practical | MJC 205 | MA Journalism & Communication | Skill Development | | Y | |
| Media Management | MJC 301 | MA Journalism & Communication | It will provide all depth knowledge about media management and their significance | Y | | |

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|--|--------------------|-------------------------------|--|----------------------|--------------------------|-------------------------|
| Editing Photo Journalism & Comp. Application | MJC 302 | MA Journalism & Communication | Students would be able to understand the process of editing for various platforms | Y | | |
| Inter Culture Communication | MJC 303 | MA Journalism & Communication | Students will learn perception of the world, varied eastern concepts and retention of information | | Y | |
| Radio Journalism | MJC 304(A) | MA Journalism & Communication | Students will be able to cover events using mobile phones and right radio news stories | Y | | |
| TV Journalisms | MJC 304(B) | MA Journalism & Communication | Students will be able to write scripts of television news stories, special stories and on the spot reporting | Y | | |
| Practical | MJC 305 | MA Journalism & Communication | Skill Development | | Y | |
| New Media Application | MJC 401 | MA Journalism & Communication | Learner will gain basic understanding of communication technology | | Y | |
| Corporate Communication | MJC 402 | MA Journalism & Communication | It will build students communication skill and provides knowledge of corporate communication | | Y | |
| Specialized Paper Print | MJC 403(A) | MA Journalism & Communication | Students would able to understand the working pattern of various print media platform | Y | | |
| Specialized Paper Electronic | MJC 403(B) | MA Journalism & Communication | Students will be able to understand the working pattern of electronic media platform | | Y | |
| Dissertation | MJC 404 | MA Journalism & Communication | Skill Development | | Y | |
| Practical | MJC 405 | MA Journalism & Communication | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| General English | LBC 101 | BA LLB | Understand the language and literary conventions through various texts | | Y | |
| Political Science-I (Major) | LBC 102 | BA LLB | Understands the world, their country, their society | | | |
| History-I (Minor) | LBC 103 | BA LLB | Learn about the Vedic history | | | |
| Economics- I (Minor) | LBC 104 | BA LLB | Relate the micro-economic theory concepts to the practical world. | | | |
| Law of Torts | LBC 105 | BA LLB | To understand the principles of Tortious liability, the defences available in an action for torts. | | Y | |
| Law of Contract | LBC 106 | BA LLB | To study the ideologies of the judges and the subsisting socio-economic circumstances in order to evaluate the judgments. | | Y | |
| English Literature | LBC 201 | BA LLB | This will enable students to identify the intersection between law and literature and jurisprudential questions in literary works. | | | |
| Political Science-II (Major) | LBC 202 | BA LLB | The course would entail an introduction of ideologies and themes like democracy and justice and also to the ideology of liberalism | | | |

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|--|---------|--------|---|---|---|--|
| History-II (Minor) | LBC 203 | BA LLB | The primary objective of this paper is to answer the question how and why the present has evolved from the past in the manner it has | | | |
| Economics– II (Minor) | LBC 204 | BA LLB | To study the Basic features and structure of Indian Economy | | | |
| Special Contract | LBC 205 | BA LLB | Law student should acquaint himself with the knowledge of special contracts apart from equipping himself with general principles of contract. | | Y | |
| Constitution – I | LBC 206 | BA LLB | Recognize various basic concepts in the Constitution and understand their applicability and scope | Y | | |
| Political Science-III (Major) | LBC 301 | BA LLB | Have the knowledge about various Indian political concepts | | | |
| History-III (Minor) | LBC 302 | BA LLB | To acquire and have an understanding of the pre independence history | | | |
| Hindi/French Language-I | LBC 303 | BA LLB | Enables other state students to continue their learning Hindi language phase without any disruptions. | | Y | |
| Company Law | LBC 304 | BA LLB | To make the students understand the formation, management and other activities of the companies. | Y | | |
| Jurisprudence (Legal Method, Indian Legal System and Basic Theory) | LBC 305 | BA LLB | This course is designed to serve as a general introduction to jurisprudence – the philosophy of law and a mix of classic and modern jurisprudential texts | | Y | |
| Family Law – I (Hindu Law) | LBC 306 | BA LLB | Students will understand the fundamental principles of Family Law. | Y | | |
| Political Science-IV (Major) | LBC 401 | BA LLB | To understand the minds of various philosophers in different eras | | | |
| Economics– III (Minor) | LBC 402 | BA LLB | Develop ideas of the basic characteristics of Indian economy, its potential on natural resources | | | |
| Hindi/French Language-II | LBC 403 | BA LLB | To able to understand the tools of translation | | Y | |
| Constitution - II | LBC 404 | BA LLB | To understand the structure of executive, legislature and judiciary | Y | | |
| Administrative Law | LBC 405 | BA LLB | Students will learn about the Nature Development of law relating to administration and effective means of administrative control further they will be | | Y | |
| Family Law – II (Muslim Law) | LBC 406 | BA LLB | Students will be studying codified and uncodified portions of Mohammedan Law. | Y | | |
| Political Science-V (Major) | LBC 501 | BA LLB | Students will be studying the salient features of British Constitution | | | |
| Hindi/French Language-III | LBC 502 | BA LLB | Skill Development | | Y | |

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| Environmental Law | LBC 503 | BA LLB | To inculcate the sense of responsibility and to respond the needs of environment protection as a part of their fundamental duty. | Y | | |
| Labour & Industrial Law – I | LBC 504 | BA LLB | To have an effective human resource practice, the knowledge of Labour Legislation is an indispensable part especially in the Indian scenario. | Y | | |
| Law of Crimes–I (Indian Penal Code) | LBC 505 | BA LLB | The objective behind teaching this course is to deal with the basic principles of criminal law and its associated liability & punishment. | Y | | |
| Intellectual Property | LBC 506 | BA LLB | Law student should acquaint himself with the knowledge of intellectual property | | | Y |
| International Relation & Organization (Major) | LBC 601 | BA LLB | To examine international of International Relations, different approaches (Theory of power), International organization – UNO | | Y | |
| Legal Language & Legal Writing | LBC 602 | BA LLB | Understand the language and literary conventions through various texts | | Y | |
| Civil Procedure Code & Limitation Act | LBC 603 | BA LLB | This course of C.P.C is designed to Study the importance of procedural law | Y | | |
| Labour & Industrial Law – II | LBC 604 | BA LLB | Understand the origin development and effects of social welfare | Y | | |
| Law of Crimes -II (Criminal Procedure Code) | LBC 605 | BA LLB | Procedural Law provide for a fair procedure is significant for a just society. To acquaint the student with the set of criminal courts | Y | | |
| Interpretation of Statues | LBC 606 | BA LLB | Interpretation of Statutes is designed to understand the true meaning, intent of the maker of the statute. | | | Y |
| Property Law | LBC 701 | BA LLB | To understand the concept of Property, its origin and its kinds. | Y | | |
| Human Right Law & Practice | LBC 702 | BA LLB | Human Rights involve skills expected to be gained by a student through studies | | Y | |
| Media & Law | LBC 703 | BA LLB | Discuss media laws in India and the world | | Y | |
| Banking Law/Forensic Science/International Organization | LBC 704 | BA LLB | The course of Banking Law is designed to primarily acquaint the students with operational parameters of banking law | Y | | |

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| Drafting Pleading & Conveyancing (Clinical Course) | LBC 705 | BA LLB | Legal drafting skills are of utmost importance to all lawyers but are often difficult to master. Despite the challenges of mastering the art, the most effective lawyers are those who actively implement strategies to improve their drafting skills | | | Y |
| Law of Evidence | LBC 801 | BA LLB | Analyze and define the concept and general nature of evidence, and illustrate the different types of evidence and court procedures relating to evidence. | Y | | |
| Gender Justice & Feminist – Jurisprudence | LBC 802 | BA LLB | To introduce students to key writings, concepts, principles and discourses in feminist jurisprudence. | | Y | |
| Health Law | LBC 803 | BA LLB | Explain key legal principles relevant to the fields of health law studied in this course, including principles of negligence, consent, privacy and confidentiality, and regulation. | | Y | |
| Investment & Security Laws/Penology & Victimology/ International- Human Rights | LBC 804 | BA LLB | Students will understand the characteristics of different financial assets such as money market instruments, bonds, and stocks, and how to buy and sell these assets in financial markets. | | Y | |
| Professional Ethics, Accountability For Lawyer s & Bar Bench Relation (Clinical Course) | LBC 805 | BA LLB | The course on professional ethics is designed to imbibe students with high ethical values forming the basis of the profession. | | Y | |
| Principles of Taxation | LBC 901 | BA LLB | . To provide students with a working knowledge of the fundamental tax principles and rules that applies to commonly encountered transactions undertaken by companies and individuals – the compliance objective | Y | | |
| Local Self Government - including Panchayat Administration | LBC 902 | BA LLB | To have a knowledge Local Self-Government- meaning, evolution | | Y | |
| Direct Taxation/ Probation & Parole/Maritime Law | LBC 903 | BA LLB | Utilize the definitions of the various components of income tax law | Y | | |
| Insurance Law/Offence against Child & Juvenile/ Private International Law | LBC 904 | BA LLB | Understand the basic principles of insurance law | Y | | |
| Alternative Dispute resolution (Clinical Course) | LBC 905 | BA LLB | ADR mechanism and its comparison with traditional litigation | | | Y |
| Public International Law | LBC 1001 | BA LLB | Capacity to identify and analyses the complex drivers of dispute behaviour in the community. | | Y | |
| Right to Information | LBC 1002 | BA LLB | The course is designed to convince the students how the right to information infuses transparency | | Y | |

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| Indirect Taxation/Comparative Criminal Procedure/ Humanitarian Refugee Law | LBC 1003 | BA LLB | Describe indirect taxes and criticisms of these taxes | Y | | |
| Information technology Law / Women & Criminal Law/ International Environmental Law | LBC 1004 | BA LLB | Explain, distinguish and apply the fundamental legal principles of information technology law covered in the course. | | Y | |
| Moot Court (Clinical Course) | LBC 1005 | BA LLB | Possess the knowledge and understanding of substantive law and procedure possess the ability to identify and understand key legal issues. | Y | | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Law & Social Transformation in India | I | LLM | The student will understand that this course on Law and Social Transformation explains the constitutional orientation and response to social transformation. It describes the aspects of non-discrimination on the ground of language. | | | |
| Indian Constitutional Law : The New Challenges | | LLM | Enable the students to understand the mechanism of judicial process of constitutional interpretation involves a technique of adapting the law to meet changing social needs | | Y | |
| Criminal Law: Comparative Criminal Procedure | | LLM | Students critically analyze and compare basic Criminal Law issues in different jurisdictions | Y | | |
| Environment & Legal Order: Environment & Development: Law & Policy | | LLM | Students will be able to get the knowledge about Constitutional provisions for the protection of environment. | | Y | |
| Constitution & Legal Order: Mass Media Law | | LLM | To discuss and analyze the legal, ethical and regulatory framework governing Media in India | Y | | |
| Human Rights Law: Concept and Development of Human Rights | | LLM | Have an advanced and integrated knowledge of international and domestic legal and institutional frameworks for the protection and promotion of human rights | Y | | |
| Administrative Law: Administrative Process: Nature & Scope | | LLM | Identify the distinction between the Constitutional Law and Administrative Law | Y | | |
| Administrative Process & Judicial Control | | LLM | Identify the distinction between the Constitutional Law and Administrative Law | | Y | |
| Judicial Process | II | LLM | Students will be able to analyse and evaluate the legal process from a broader juristic perspective | | Y | |
| Criminal Law: Penology: Treatment of Offenders | | LLM | Student will be able to know about, The significance of Penology and the features of Traditional and modern Penological approaches | Y | | |
| Privileged Class Deviance | | LLM | Student will be able to understand the concepts of "Criminality of the 'Privileged classes" and the relation between privilege power and deviant behaviour. | Y | | |
| Constitution & Legal Order: Public Utilities | | LLM | Students will be able to understand that public utilities are government monopolies, which are services rather than commercial enterprises | | | Y |

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| Union- State Financial Relations | | LLM | Student will be able to discuss the different forms of government and explain the features and the distinction between them. | | | |
| Human Rights Law: Human Rights and International Order | | LLM | Have an advanced and integrated knowledge of international and domestic legal and institutional frameworks for the protection and promotion of human rights | Y | | |
| Protection and Enforcement of Human Rights In India | | LLM | Demonstrate a good understanding of the provision under the constitution of India dealing with human | | | |
| Administrative Law: Administrative Process & Judicial Control | | LLM | Student will be able to know that the procedural fairness is the key to good administrative decision and the various remedies rendered in judicial process clear the way for achieving administrative justice. | Y | | |
| Public Authorities: Liability | | LLM | Understand and identify their understanding of the shape of, and trends in, modern tort law; | | Y | |
| Practical Legal Education and Research Methodology | III | LLM | Students will be equipped to appreciate the rationale behind understanding of research and its conceptual aspects. | | Y | |
| Criminal Law: Drug Addiction, Criminal Justice & Human Rights | | LLM | A post-graduate student of law should get an insight into the objectives of legal education. He should have an exposure to programmes like organization of seminars, publication of law journals and holding of legal aid clinics. | Y | | |
| Juvenile Delinquency | | LLM | Comparison and analysis of the theoretical explanations of the causes, dynamics, and consequences of juvenile delinquency | Y | | |
| Constitution & Legal Order: Constitutionalism: Pluralism & Federalism | | LLM | Students will get an exposure to various models of pluralism and forms of constitutional governments and federal structures. | | | Y |
| Human Right | | LLM | An advanced and integrated knowledge of international and domestic legal and institutional frameworks for the protection and promotion of human rights; | | | |
| Human Rights Law: Human Rights of Disadvantaged Groups: Problems & issues in the Protection & Enforcement | | LLM | Acquire an understanding of the principles and institutions of human rights law including their origins, assumptions, contents, limits and potential | | Y | |
| International Humanitarian Law & Refugee Law | | LLM | Employability | Y | | |
| Administrative Law: Public Authorities & Power Holders: Controls on Maladministration | | LLM | Develop an understanding for various provisions of martial laws under English law and under | Y | | |
| Local Self: Government Law | | LLM | Student gets an insight in to the introductory aspects, the historical and philosophical background of the local self-government | Y | | |
| Dissertation | IV | LLM | students will be able to enhance their research, analytical and writing skills | | Y | |
| Collective Violence & Criminal Justice System | | LLM | Skill Development | | Y | |

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| Constitution & Legal Order: National Security, Public Order & Rule of Law | | LLM | Employability | Y | | |
| Human Rights Law: Science, Technology & Human Rights | | LLM | Indicate ways of extending human rights practice and apply human rights theory to quickly evolving situations | Y | | |
| Administrative Law: Comparative Administrative Law | | LLM | Employability | Y | | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Foundation of Library and Information Science | BLC 101 | B. Lib. | To develop an Understanding of Role and Importance of libraries, in society | | | |
| Knowledge Organization, Information Processing & Retrieval | BLC 102 | B. Lib. | Explain the nature and attributes of universe of knowledge. | | Y | |
| Document Processing: Practice (DDC & AACR-2) | BLC 103 | B. Lib. | Construct class number for documents with simple, compound and complex subjects | Y | | |
| Information Technology: Basic | BLC 104 | B. Lib. | Understand the structure of computer and functions of its various units | | Y | |
| Project Work: Field Survey | BLE 101 | B. Lib. | Understand the functions and routine work of a library and information Centre | | Y | |
| Data Analysis | BLE 102 | B. Lib. | Understand to create effective spreadsheet | | Y | |
| Management of Library and Information Centers | BLC 201 | B. Lib. | To make the students understand the Management technique in organization of library and information centers | | Y | |
| Information Sources, Products and Services | BLC 202 | B. Lib. | Different types of information sources, e-books, databases and institutional repositories. | | Y | |
| Document Processing: Practice (CC & CCC) | BLC 203 | B. Lib. | Knowledge of the catalogue codes and standards and create library catalogue 6. Prepare catalogue entries for various types of information sources | Y | | |
| Information Technology: Practice | BLC 204 | B. Lib. | Highlight the nature and components of computer networks and their protocols and standards 6. Examine the concept of library networks and highlight the types and importance. | | Y | |
| Internship Programme | BLC 205 | B. Lib. | . Understand the real working environment of libraries. | | | Y |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Information and Communication | MLC 101 | M. Lib. | Information; characteristics, Nature, Value, and Use of Information | | Y | |
| Information Retrieval | MLC 102 | M. Lib. | Information Products, Design and Development of information Products. Marketing PAPER 3 INFORMATION RETRIEVAL COURSE OUTCOME | | Y | |

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| Research Methods and Statistical Technique | MLC 103 | M. Lib | Concepts, Meaning, Need and process of Research Types of Research – Fundamental and Applied including inter disciplinary and multidisciplinary approach Research and development of Scholarship | | Y | |
| Information Technology :Applications (Theory) | MLC 104 | M. Lib | Planning and implementation and library automation, Automation, In House operations- Acquisition, Cataloguing, Circulation Serial Control, OPAC, Library Management, Multilingual Bibliographic Databases, Library Automation Software Packages: Their study and Compositions | | Y | |
| Academic Library information System | MLE 101 | M. Lib | Academic Libraries. Meaning, Objectives and Functions. Types of academic Libraries. Role of UGC in academic Library development. Collection development and collection management – Book selection principles and policies, procedures and problems | Y | | |
| Public Library Information System | MLE 102 | M. Lib | Academic Libraries. Meaning, Objectives and Functions | Y | | |
| Special Library Information System | MLE 103 | M. Lib | Collection development and collection management – Book selection principles and policies, procedures and problems | Y | | |
| Information Analysis, Repackaging and Consolidation | MLC 201 | M. Lib | Information Products, Design and Development of information Products, Marketing PAPER 3 INFORMATION RETRIEVAL COURSE OUTCOMS | | Y | |
| Knowledge Organization & Information Processing, Classification & Cataloguing - Practice | MLC 202 | M. Lib | Classification of Documents by Universal Decimal Classification | | | Y |
| Information Technology: Applications (Practice) | MLC 203 | M. Lib | Creation and maintenance of databases by SOUL and others | | Y | |
| Preservation & Conservation of Library Materials | MLE 201 | M. Lib | Entrepreneurship | | | Y |
| Dissertation/Project Report | MLE 202 | M. Lib | Nature and functions of various national and international information systems and networks CO-5. Concept of library resource sharing and consortia | | Y | |
| Skill Development | MLS 201 | M. Lib | An ability and capacity accruement through deliberate systematic ‘and sustained effort to smoothly and adaptively carryout complex activity job function involving ideas | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Advanced Abstract Algebra-I | MTC-101 | M.Sc. in Mathematics | Characterize perfect fields using separable extensions, construct examples of automorphism group of a field and Galois extensions as well as prove Artin’s theorem and the fundamental theorem of Galois theory. | | Y | |
| Complex Analysis | MTC-102 | M.Sc. in Mathematics | Understand analytic function as a mapping on the plane, Mobius transformation and branch of logarithm. | | Y | |
| Real Analysis | MTC-103 | M.Sc. in Mathematics | Check the convergence and uniform convergence of the given sequence | | Y | |

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| | | | or series of functions. | | | |
| Topology | MTC-104 | M.Sc. in Mathematics | Determine the metric topology, metrizable space, several standard metrics and the topology generated by them. | | Y | |
| Numerical Analysis | MTE-101(A) | M.Sc. in Mathematics | Compute the piecewise, spline and bivariate interpolation and approximation by several methods | | Y | |
| C'-Language | MTE-101(B) | M.Sc. in Mathematics | Solve an algebraic or transcendental equation using an appropriate numerical method. | Y | | |
| Skill Development | MTS-101 | M.Sc. in Mathematics | Skill Development | | Y | |
| Advanced Abstract Algebra-II | MTC-201 | M.Sc. in Mathematics | Characterize perfect fields using separable extensions, construct examples of automorphism group of a field and Galois extensions as well as prove Artin's theorem and the fundamental theorem of Galois theory. | | Y | |
| Advanced Discrete Mathematics | MTC-201 | M.Sc. in Mathematics | Apply the extension principle, perform the operation of arbitrary intersection and arbitrary union of fuzzzsets | | Y | |
| Lebesgue Measure & Integration | MTC-202 | M.Sc. in Mathematics | Know positive definite functions, Bochner theorem, semi direct product of groups and their representation. | | Y | |
| Functional Analysis | MTC-204 | M.Sc. in Mathematics | Classify and explain the functions of different types of differential special functions. | | Y | |
| Ordinary & Partially Differential Equation | MTE-201(A) | M.Sc. in Mathematics | State and explain the construction of the Lebesgue integral and use it. | | Y | |
| C++ Language | MTE-201(B) | M.Sc. in Mathematics | Write programs that perform operations using derived data types | Y | | |
| Skill Development | MTS-201 | M.Sc. in Mathematics | Skill Development | | | Y |
| Applied Functional Analysis | MTC-301 | M.Sc. in Mathematics | Check the weak convergence, weak compactness and apply several theorems concerning the concept. | | Y | |
| Theory of Linear Operator | MTC-302 | M.Sc. in Mathematics | Understand the concepts of compactness, self-ad jointness and positivity of bounded linear operators. | | Y | |
| Simplicial Homology Theory | MTC-303 | M.Sc. in Mathematics | Learn the idea of compact triangulable spaces as geometric carriers of finite simplicial complexes (polyhedral). | | Y | |
| Operator Theory on Banach Algebra | MTC-304 | M.Sc. in Mathematics | Use Banach algebra techniques to solve problems in mathematics, applied mathematics. | | Y | |
| MATLAB | MTE-301(A) | M.Sc. in Mathematics | Able to generate plots and export this for use in reports and presentations. | Y | | |
| Linear Programming | MTE-301(A) | M.Sc. in Mathematics | Convert standard business problems into linear programming problems and can solve using simplexalgorithm. | | Y | |
| Skill Development | MTS-301 | M.Sc. in Mathematics | Skill Development | | Y | |

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| Algebraic Topology | MTC-401 | M.Sc. in Mathematics | Determine fundamental groups of some standard spaces like Euclidean spaces and spheres. | | Y | |
| Fuzzy Sets & their applications | MTC-402 | M.Sc. in Mathematics | Use the intuitionistic fuzzy sets when the condition of non-membership is given. | | Y | |
| Abstract Harmonic Analysis | MTC-403 | M.Sc. in Mathematics | Be familiar with Banach algebras and their representations. | | Y | |
| Wavelet Analysis | MTC-404 | M.Sc. in Mathematics | Explain the applications of wavelets in the construction of orthonormal bases by wavelets. | | Y | |
| Mathematical Modeling | MTC-405 | M.Sc. in Mathematics | Create mathematical models of empirical or theoretical phenomena in domains such as the physical, natural, or social sciences. | | Y | |
| Statistics | MTE-401(A) | M.Sc. in Mathematics | Solve problems involving infinite matrices and concrete operators in function spaces. | | Y | |
| Operation Research | MTE-401(B) | M.Sc. in Mathematics | Formulate and solve problems as networks and graphs. | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Object oriented Programming Using C++ | CTC-101 | M.Sc.in Computer Science | Skill Development | | Y | |
| Relational Database Management System (SQL Programming using ORACLE) | CTC-102 | M.Sc.in Computer Science | Skill Development | | Y | |
| Computer Network | CTC-103 | M.Sc.in Computer Science | Skill Development | | Y | |
| Operating system Concepts | CTC-104 | M.Sc.in Computer Science | Skill Development | | Y | |
| Numerical analysis | CTE-105(A) | M.Sc.in Computer Science | Skill Development | | Y | |
| Statistical Analysis | CTE-105(B) | M.Sc.in Computer Science | Skill Development | | Y | |
| Skill Development | CTS-101 | M.Sc.in Computer Science | Skill Development | | Y | |
| Advanced Data Structure | CTC-201 | M.Sc.in Computer Science | Skill Development | | Y | |
| Object Oriented Analysis and Design | CTC-202 | M.Sc.in Computer Science | | | Y | |
| Theory of computation | CTC-203 | M.Sc.in Computer Science | | | Y | |
| Java Programming | CTC-204 | M.Sc.in Computer Science | | Y | | |
| Mathematical Foundation | CTE-201(A) | M.Sc.in Computer Science | | | Y | |
| Discrete Mathematics | CTE-201(B) | M.Sc.in Computer Science | | | Y | |

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| Skill Development | CTS-201 | M.Sc.in Computer Science | | | | Y |
| Software engineering | CTC-301 | M.Sc.in Computer Science | | Y | | |
| Python Programming | CTC-302 | M.Sc.in Computer Science | | | | Y |
| Cloud Computing | CTC-303 | M.Sc.in Computer Science | | Y | | |
| Computer Graphics via Multimedia | CTC-304 | M.Sc.in Computer Science | | | Y | |
| Advanced mathematical Foundation | CTE-301(A) | M.Sc.in Computer Science | | | Y | |
| Linear Programming | CTE-301(B) | M.Sc.in Computer Science | | | Y | |
| Skill Development | CTS-301 | M.Sc.in Computer Science | | Y | | |
| Advance Java Programming | CTC-401 | M.Sc.in Computer Science | | | Y | |
| Artificial Intelligence | CTC-402 | M.Sc.in Computer Science | | | Y | |
| Data Warehousing & Data Mining | CTC-403 | M.Sc.in Computer Science | | Y | | |
| Compiler Design | CTC-404 | M.Sc.in Computer Science | | | Y | |
| Operation Research | CTE-401(A) | M.Sc.in Computer Science | | | Y | |
| MATLAB | CTE-401(A) | M.Sc.in Computer Science | | Y | | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Indian Epistemology | DSCC-1 | MA in philosophy | This course facilitates a comprehension of early Greek tradition. A comprehensive understanding of it is like a foundation course in the Classics. | | Y | |
| Western Epistemology | DSCC-2 | MA in philosophy | Formal logic enhances the reasoning skills and develops ground for rejecting the wrong arguments on the basis of sound inferences. | | Y | |
| Modern Logic | DSCC-3 | MA in philosophy | To equip the students with tools and techniques for handling socio political issues that affect them on individual / collective basis. | | Y | |
| Indian Ethics | DSCC-4 | MA in philosophy | To introduce yoga education, its principles and practices for holistic growth of students | | Y | |
| Skill Development | AESD-1 | MA in philosophy | Skill Development | | Y | |
| Introduction to Philosophy & Yoga | DSEC-1 | MA in philosophy | Students will appreciate the Indian Metaphysics of various ancient Indian schools such as Charvaka, | | Y | |
| Indian Metaphysics | DSCC-5 | MA in philosophy | It will enable students to have a better understanding of how a man thinks and what goes on into the making of human thought. | Y | | |

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| Western Metaphysics | DSCC-6 | MA in philosophy | This course helps in learning the various principles and methods of basic as well as higher logic. | Y | | |
| Modern Logic | DSCC-7 | MA in philosophy | The students after having run through basic ethical theories gain a better orientation from the ethical perspective. | | Y | |
| Western Ethics | DSCC-8 | MA in philosophy | Critical understanding of the Evolution of Yoga based on the classical texts. | | Y | |
| Skill Development | AESD-2 | MA in philosophy | Skill Development | | | Y |
| Yoga Philosophy | DSEC-2 | MA in philosophy | Introducing students to the primary thinkers of one of the most important and influential school of thought in Western Philosophy. | | Y | |
| Contemporary Western Philosophy | DSCC-9 | MA in philosophy | To know rights of Individuals and communities. | | Y | |
| Philosophy of Religion | DSCC-10 | MA in philosophy | The students will acquire a general understanding of religious issues. | | Y | |
| Modern Indian Thought | DSCC-11 | MA in philosophy | Introducing students to the primary thinkers of one of the most important and influential school of thought in Western Philosophy. | | Y | |
| Advaita Vedanta (a) | DSCC-12 | MA in philosophy | The students will acquire a general understanding of religious issues. | Y | | |
| Skill Development | AESD-3 | MA in philosophy | Skill Development | | Y | |
| Applied Ethics | DSEC-3 | MA in philosophy | Finally, it will give a holistic development of their personality. | | Y | |
| Contemporary Western Philosophy | DSCC-13 | MA in philosophy | This course is designed to make students philosophically competent about their own decisions, to achieve clarity, develop comprehension skills and reach precision in arguments with reasons. | | Y | |
| Philosophy of Religion | DSCC-14 | MA in philosophy | Finally, it will give a holistic development of their personality. | | Y | |
| Modern Indian Thought | DSCC-15 | MA in philosophy | This course helps to understand and interpret events with a more rational basis. | Y | | |
| Advaita Vedanta (b) | DSCC-16 | MA in philosophy | They will learn to think critically about philosophical issues pertaining to various religions. | Y | | |
| Skill Development | AESD-4 | MA in philosophy | Skill Development | | Y | |
| Geetadarshan | DSEC-4 | MA in philosophy | To learn to live in cohesive manner in a multicultural setup | Y | | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Basic and Systemic Anatomy-I | T-01 | M.P.E.S | The student will be oriented with the basic structure and function of human body by identifying, comparing and relating different systems, organs and their functional and structural units. | | Y | |
| Principles Of Physical Education | T-02 | M.P.E.S | Students will develop competency in many movement activities. | | Y | |
| English | T-03 | M.P.E.S | The literary texts shall enable students to inculcate creative & aesthetic sensitivity and critically comprehend, appreciate and analyze it. | Y | | |

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|---------------------------------------|------|---------|--|---|---|--|
| Athletics | P-01 | M.P.E.S | He would know about planning of facility and financial management | | Y | |
| Gymnastics | P-02 | M.P.E.S | The student will be able to demonstrate the expertise in above stated domains in a school setup | | Y | |
| Yoga | P-03 | M.P.E.S | Differentiate between various stages of astanga yoga | | Y | |
| Conditioning & Match Practice | P-04 | M.P.E.S | The learners will be able to understand the organization to achieve high performance in sports. | | Y | |
| Basic and Systemic Anatomy | T-04 | M.P.E.S | Describe the different Olympic games and its committees. | | Y | |
| History Of Physical Education | T-05 | M.P.E.S | The student would be empowered with the applicable knowledge of physiology in physical activity and sports. | Y | | |
| English-II | T-06 | M.P.E.S | The students will be familiarized with the basics of language and its structure | Y | | |
| Athletics | P-05 | M.P.E.S | Students will demonstrate responsible personal behavior while participating in movement activities. | | Y | |
| Gymnastics | P-06 | M.P.E.S | The student will be oriented with the basic structure and function of human body by identifying, comparing and relating different systems, organs and their functional and structural units. | | Y | |
| Yoga | P-07 | M.P.E.S | Understand the yoga and its historical development. | | Y | |
| Conditioning & Match Practice | P-08 | M.P.E.S | Describe and apply the fundamental and advanced concepts of exercise physiology. | | Y | |
| Physiology And Physiology Of Exercise | P-09 | M.P.E.S | The learner would be able to incorporate this knowledge in the training and coaching programme for the betterment of his trainee's performance. | | Y | |
| Educational Psychology | T-08 | M.P.E.S | The student would be oriented in identifying factors determining one's overall personality. | | Y | |
| Methods in Physical Education | T-09 | M.P.E.S | Orient the students in basic structure and functions of primary joints of the body | Y | | |
| Volleyball | P-09 | M.P.E.S | The student will be able to demonstrate the expertise in above stated domains in a school setup. | | Y | |
| Weight Lifting & Training | P-10 | M.P.E.S | He would know about various schemes and policies of State & Central Government | | Y | |
| Teaching Practice | P-11 | M.P.E.S | The student would be oriented in identifying factors determining one's overall personality | Y | | |
| Conditioning & Match Practice | P-12 | M.P.E.S | He would be able to identify the works of Philosophers of Education and Physical Education. | | Y | |
| Kinesiology | T-10 | M.P.E.S | The student would be Oriented with the skeletal structure of human body by identifying the origin and insertion of various muscles. | Y | | |

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| Basics Of Sports Training | T-11 | M.P.E.S | Students will be able to get the knowledge about Constitutional provisions for the protection of environment. | | Y | |
| Health Education | T-12 | M.P.E.S | The student will be able to identify and synthesize the factors that influence health. | | Y | |
| Badminton/Hockey | P-13 | M.P.E.S | To discuss and analyze the legal, ethical and regulatory framework governing Media in India. | | Y | |
| Football/Cricket | P-14 | M.P.E.S | Students will achieve and maintain a health-enhancing level of physical fitness | | Y | |
| Teaching Practice | P-15 | M.P.E.S | The students will be able to implement the criteria of test selection. | Y | | |
| Conditioning & Match Practice | P-16 | M.P.E.S | Will orient the student to the role of food on Physical performance. | | Y | |
| Management of Physical Education | T-13 | M.P.E.S | The student would understand the importance of management of Physical Education. | | | Y |
| Gym Management And Fitness Training | T-14 | M.P.E.S | Will develop skills to establish daily caloric requirement and to design the diet plan. | | Y | |
| Sports Specialization | T-15 | M.P.E.S | The students will be able to construct and conduct the physical fitness and sports skill test. | | Y | |
| Basket ball | P-17 | M.P.E.S | Would make the student understand and prepare weight management plans. | | Y | |
| Kabbadi | P-18 | M.P.E.S | The student will be able to identify the role of peers, community and media in health promotion and protection. | | Y | |
| Sports Specialization (Practical Skill) | P-19 | M.P.E.S | He would understand various laws of learning and their relevance in teaching learning process. | | Y | |
| Conditioning & Match Practice | P-20 | M.P.E.S | He would be able to comprehend the relationship between Philosophy, Education and Physical Education. | | Y | |
| Test and Measurement in Physical Education | T-16 | M.P.E.S | The students will be able to recognize and relate the concept of test, measurement and evaluation in the context of Physical Education. | | Y | |
| Correctives And Rehabilitation In Physical Education | T-17 | M.P.E.S | He would understand the Prevention, Treatment and Rehabilitation of Athletic Injuries | Y | | |
| Sports Specialization | T-18 | M.P.E.S | Construct anatomy and physiology related pedagogical materials exploring their creative imaginations while working in group and using technology. | Y | | |
| Kho-Kho | P-21 | M.P.E.S | The student will be able to recognize the health-related challenges in current time and able to apply the preventive measures. | | Y | |
| Table Tennis | P-22 | M.P.E.S | The student will be able to demonstrate the expertise in above stated domains in a school setup. | | Y | |
| Sp. Specialization (Coaching Lesson) | P-23 | M.P.E.S | Will acquaint student with principles of sports nutrition. | Y | | |

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| Conditioning & Match Practice | P-24 | M.P.E.S | Relate and interpret the role of various mechanical principles in human movement. | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Research Process In Physical Education And Sports Sciences | MPCC – 101 | M.P.Ed | Effective Citizenship: Demonstrate social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering. | | Y | |
| Applied Statistics In Physical Education And Sports | MPCC – 102 | M.P.Ed | Ethics: Recognize different value and moral systems and correlate them with present system | | Y | |
| Professional Preparation In Physical Education & Sports | MPCC – 103 | M.P.Ed | Develops effective communication in Physical education | | Y | |
| Computer Application | MPEC – 104 | M.P.Ed | Develops specialized knowledge in skills of games. | | Y | |
| Sports Technology | MPEC – 105 | M.P.Ed | Holistic approach: The programme gives an insight into the holistic concept of the Subject. | Y | | |
| Sports Specialization – I | MPPC-101 | M.P.Ed | . Critical Thinking: Identifying the assumptions that frame our actions | | | Y |
| School Internship | MPI-101 | M.P.Ed | checking out the degree to which these assumptions are accurate and valid, | Y | | |
| Sports and Exercise Physiology | MPCC-201 | M.P.Ed | looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives. | | Y | |
| Scientific Principles Of Sports Training | MPCC – 202 | M.P.Ed | Preparation for competitive examination other than physical education. | Y | | |
| Yogic Sciences | MPCC – 203 | M.P.Ed | Develops specialized knowledge in skills of games. | Y | | |
| Sports Management | MPEC – 204 | M.P.Ed | Development of knowledge in health | Y | | |
| Sports Journalism And Mass Communication | MPEC – 205 | M.P.Ed | Able to develop exercise | Y | | |
| Sports Specialization – I | MPPC-201 | M.P.Ed | Effective Communication: Read, Write, Speak and listen clearly in English and Hindi (Bilingual). | Y | | |
| School Internship | MPI-201 | M.P.Ed | With present system. Ethics: Recognize different value and moral systems and correlate them | | | Y |
| Health Education and Sports Nutrition | MPCC – 301 | M.P.Ed | Holistic approach: The programme gives an insight into the holistic concept of the Subject. | | | Y |
| Sports Psychology | MPCC – 302 | M.P.Ed | Critical Thinking: Identifying the assumptions that frame our actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives | | Y | |

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|---|--------------------|----------------|--|----------------------|--------------------------|-------------------------|
| Kinesiology & Sports Biomechanics | MPCC – 303 | M.P.Ed | Effective Communication: Read, Write, Speak and listen clearly in English and Hindi (Bilingual). | | Y | |
| Sports Sociology | MPEC – 304 | M.P.Ed | To analyze and interpret sports philosophy, sports sociology, business systems, sports management, public administration and marketing techniques. | | Y | |
| Physical Fitness and Wellness | MPEC – 305 | M.P.Ed | To develop opportunities to construct & design the curriculum of PE in broader aspects realizing the agegroup, gender consideration and physiological basis. | Y | | |
| Sports Specialization – II | MPPC-301 | M.P.Ed | Understand the modern concept of sports traini | Y | | |
| School Internship | MPI-301 | M.P.Ed | To analyze and interpret sports philosophy, sports sociology, business systems, sports management, public administration and marketing techniques | | Y | |
| Measurement And Evaluation in Physical Education | MPCC-401 | M.P.Ed | Evaluate and Develop system of sports training – basic performance, intermediate performanceand high-performance training. | | Y | |
| Gender, Disability & Inclusive Sport Education | MPCC-402 | M.P.Ed | Describe and apply the fundamental and advanced concepts of exercise physiology | | Y | |
| Athletic Care and Rehabilitation | MPCC-403 | M.P.Ed | Comprehend the physiological changes and adaptations during exercise in different environmentalconditions | | Y | |
| Dissertation | MPEC – 404 | M.P.Ed | Analyze the issues related to Internet, Networking, E-learning and Cyber Security | | Y | |
| Curriculum Designs in Physical Education | MPEC – 405 | M.P.Ed | Employability | Y | | |
| Sports Specialization – II | MPPC-401 | M.P.Ed | Employability | Y | | |
| School Internship | MPI-401 | M.P.Ed | Entrepreneurship | | | Y |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Historical Foundation of Physical Education | CC-101 | B.P.Ed | Understand the concept of physical education. | Y | | |
| Anatomy | CC-102 | B.P.Ed | Understand the different systems of human body | | Y | |
| Health Education And Environmental Studies | CC-103 | B.P.Ed | Understand about the concept of health and health education. | | Y | |
| Adaptive Physical Education | EC-101 | B.P.Ed | Describe the duties of coaches and officials | | Y | |
| Contemporary issues in physical education, fitness and wellness | EC-102 | B.P.Ed | Construct the lesson plans for various physical education activities. | Y | | |
| Track and Field (Running Events) | PC-101 | B.P.Ed | Discover the nutritional aspect of fitness and performance | | Y | |
| Swimming/Gymnastics/Shooting | PC-102 | B.P.Ed | Recognize the energy system for aerobic and anaerobic components of exercise | | Y | |

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| Indigenous Sports: Kho-Kho / Kabaddi /Malkhambh | PC-103 | B.P.Ed | Evaluate and Develop system of sports training – basic performance, intermediate performanceand high-performance training. | | Y | |
| Mass Demonstration Activities:dumbbells / tipri / lezim /wands / hoop /umbrella/ March past* | PC-104 | B.P.Ed | To develop opportunities to construct & design the curriculum of PE in broader aspects realizing the agegroup, gender consideration and physiological basis | | | Y |
| Yoga Education | CC-201 | B.P.Ed | Describe the duties of coaches and officials. | Y | | |
| Educational Technology and Methods of Physical Education | CC-202 | B.P.Ed | Describe and use various teaching methods according to suitability. | | Y | |
| Physiology | CC-203 | B.P.Ed | Define and describe the term exercise physiology. | | Y | |
| Computer Applications in Physical Education | EC-201 | B.P.Ed | Correlate the of ICT& Education Technology in Physical Education and Sports concepts with the sportsand athlete specific situations | | Y | |
| Sports Nutrition and Weight Management | EC-202 | B.P.Ed | Explain the concept of physical fitness, health related and motor fitness. | Y | | |
| Track and Field (Jumping Events) | PC-201 | B.P.Ed | To develop opportunities to construct & design the curriculum of PE in broader aspects realizing the agegroup, gender consideration and physiological basis | | Y | |
| Yoga/Aerobics/Gymnastics/ Swimming | PC-202 | B.P.Ed | Develop yogic programs/schedules. | | Y | |
| Racket Sports:Badminton/ Table Tennis/Squash/ Tennis | PC-203 | B.P.Ed | Apply the concept of coaching and officiating. | | Y | |
| Teaching Practices | TP-201 | B.P.Ed | . Plan training sessions | Y | | |
| Principles of Sports Training | CC-301 | B.P.Ed | Understand the modern concept of sports training | | Y | |
| Sports Management | CC-302 | B.P.Ed | To describe organization and administration of sports programmes | Y | | |
| Sports Psychology and Sociology | CC-303 | B.P.Ed | Correlate the psychological concepts with the sports and athlete specific situations | Y | | |
| Sports Medicine, Physiotherapy and Rehabilitation | EC-301 | B.P.Ed | To appraise the varied their apoetical aspects of exercise. | Y | | |
| Curriculum Design | EC-302 | B.P.Ed | To Synthes size basic concept of sporting urine sand rehabilitation. | | Y | |
| Track and Field (Throwing Events) | PC-301 | B.P.Ed | Realize and apply the Methods of Technique Training | | Y | |
| Combative Sports: Martial Art/ Karate/ Judo/ Fencing/ Boxing/ Taekwondo/ Wrestling | PC-302 | B.P.Ed | List down the strategies for motivation utilized in the field of sports. | | Y | |
| Team Games: Basekball/Cricket/ Football/ Hockey/Softball/ Volleyball/ Handball/Basketball/ Netball | PC-303 | B.P.Ed | To appraise the varied the apoetical aspects of exercise. | | Y | |
| Teaching Practice | TP-301 | B.P.Ed | Evaluate primary health status | Y | | |
| Test and Measurement in Physical Education | CC-401 | B.P.Ed | Explain the concept of physical fitness, health related and motor fitness. | | Y | |

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|--|--------------------|-------------------------|--|----------------------|--------------------------|-------------------------|
| Kinesiology and Biomechanics | CC-402 | B.P.Ed | Integrate the knowledge about Communication Process and Teaching for learner. | | Y | |
| Fundamental of Statistics in Physical Education | CC-403 | B.P.Ed | Analyze the issues related to Internet, Networking, E-learning and Cyber Security | | Y | |
| Theory of Sports | EC-401 | B.P.Ed | Prepare fitness schedules& evaluate fitness. | | Y | |
| Theory of Games | EC-402 | B.P.Ed | Evaluate primary health status | | Y | |
| Track and Field /Swimming / Gymnastics | PC-401 | B.P.Ed | Evaluate and Develop system of sports training – basic performance, intermediate performanceand high-performance training | | Y | |
| Kabaddi/ Kho-Kho/Baseball/ Cricket / Football / Hockey / Softball Volleyball / Handball /Basketball/ Netball/Badminton/ Table Tennis / Squash / Tennis | PC-402 | B.P.Ed | To develop opportunities to construct & design the curriculum of PE in broader aspects realizing the agegroup, gender consideration and physiological basis | | Y | |
| Sports specialization: Coaching lessons Plans | TP-401 | B.P.Ed | Analyze the issues related to social behavior based on physiological structure and function | | | Y |
| Games specialization: Coaching lessons Plans | TP-402 | B.P.Ed | To Synthes size basic concept of sports in urie sand rehabilitation. | | | Y |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Mathematical Methods | PY C- 101 | M.Sc. in Physics | Learn about the concept and uses of Tensors and Tensor algebra (Null tensor, addition, subtraction, innerproduct, outer product). | | Y | |
| Classical Mechanics | PY C- 102 | M.Sc. in Physics | Newtonian mechanics, Virtual work, D'Álembert's principle, Formulation of Lagrangian mechanics and problem solving with the help of it. Compare the formulation of Hamiltonian and Lagrangian mechanics and solve the problems of classical and relativistic mechanics | | Y | |
| Electronic Devices | PY C- 103 | M.Sc. in Physics | Understand working of Different Semiconductor devices like JFET, BJT, MOSFET & MESFET (Construction, Working Principles and V-I characteristics) and their applications. | Y | | |
| Computational Methods and Programming | PY E - 101 | M.Sc. in Physics | Understand the basics of computer and BASIC programming. Estimate errors while solving equations and effectively use methods like matrix inversion, Gauss elimination and LU decomposition to solve linear equations. | | Y | |
| Physics of Electronic devices & Fabrication of IC & Systems | PY E - 102 | M.Sc. in Physics | Understand the basic concepts of various Inorganic and Organic Semiconductor materials for electronicdevice applications in modern electronic industry. | Y | | |
| Lab A (Optics & Electronics) | PY L-104 | M.Sc. in Physics | Skill Development | | Y | |
| Lab B (Computer Programming) | PY L-105 | M.Sc. in Physics | Skill Development | | Y | |
| Skill Development | PY S-101 | M.Sc. in Physics | Skill Development | | Y | |

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| Quantum Mechanics -I | PY C - 201 | M.Sc. in Physics | To understand and apply principles of Quantum mechanics for understanding the physical systems in quantum realm. | | Y | |
| Statistical Mechanics | PY C - 202 | M.Sc. in Physics | To use various ensemble theories to calculate the thermodynamic properties of different systems. | | Y | |
| Electrodynamics and Plasma Physics | PY C - 203 | M.Sc. in Physics | Understand the plasma oscillations and its limit, Debye screening. | | Y | |
| Condensed Matter Physics | PY E - 201 | M.Sc. in Physics | Able to understand the X-ray diffraction and its use in crystal structure, Concept of reciprocal lattice, defects in solids and their observation. | Y | | |
| Informatics | PY E - 202 | M.Sc. in Physics | Use Fourier series and transformations as an aid for analyzing experimental data. | Y | | |
| Lab A (Optics & Electronics) | PY L-204 | M.Sc. in Physics | Skill Development | | Y | |
| Lab B (Computer Programming) | PY L-205 | M.Sc. in Physics | Skill Development | | Y | |
| Skill Development | PY S-201 | M.Sc. in Physics | Skill Development | | | Y |
| Quantum Mechanics – II | PY C - 301 | M.Sc. in Physics | Understand Approximation methods for bound states. | | Y | |
| Nuclear and Particle Physics | PY C - 302 | M.Sc. in Physics | The method and analysis of Scattering process & understand structure and properties of nuclei, radioactive decay, and different types of nuclear reactions. | Y | | |
| Condensed Matter Physics - I | PY SE – 301 | M.Sc. in Physics | Mechanism of plastic deformation, Dislocations and their stress and strain fields, Multiplication, Dislocations in different types of lattices. | Y | | |
| Electronics – I | PY SE – 302 | M.Sc. in Physics | Know the basic phenomenon of communication, modulation and demodulation and their types. Knowledge of microwave transmission and parameters affecting along with Satellite communication and geostationary system. | Y | | |
| Materials Science - I | PY SE – 303 | M.Sc. in Physics | Able to qualitatively describe the bonding scheme and its general physical properties, as well as possible applications. | Y | | |
| Computational Physics - I | PY SE – 304 | M.Sc. in Physics | General concepts and structure of C++ programming for developing computational methods. | | Y | |
| Condensed Matter Physics LAB | PY CL-301 | M.Sc. in Physics | Skill Development | | Y | |
| Electronics LAB | PY CL-302 | M.Sc. in Physics | Skill Development | | Y | |
| Material Science LAB | PY CL-303 | M.Sc. in Physics | Skill Development | | Y | |
| Computational Physics LAB | PY CL-304 | M.Sc. in Physics | Skill Development | | Y | |
| Skill Development | PY S-301 | M.Sc. in Physics | Skill Development | | Y | |
| Atomic and Molecular Physics | PY C - 401 | M.Sc. in Physics | Able to deal with problems related to Hydrogen-like atomic spectra and alkali metals | Y | | |
| Physics of Lasers and Laser Applications | PY E – 401 | M.Sc. in Physics | To understand various types of Lasers and their applications | Y | | |

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| Non-linear Dynamics | PY E – 402 | M.Sc. in Physics | Understand basic knowledge of nonlinear dynamical systems, their equations, bifurcations, Poincaresection. | | Y | |
| Physics of Nano-materials | PY E – 403 | M.Sc. in Physics | Understand concept of quantum confinement, electron confinement in deep square well and two and threedimensions, idea of quantum well, dot and wires. | | Y | |
| Condensed Matter Physics-II | PY SE – 401 | M.Sc. in Physics | Able to differentiate between type-I and type-II superconductors and their theories and explain the behavior of superconductors, applications and high temperature superconductivity. | Y | | |
| Electronics-II | PY SE – 402 | M.Sc. in Physics | Understand digital communication systems such as PM, PAM, PCM, Delta modulations | | Y | |
| Materials Science-II | PY SE – 403 | M.Sc. in Physics | To understand various mechanical properties and mechanism responsible for it. Failure of materials | Y | | |
| Computational Physics-II | PY SE – 404 | M.Sc. in Physics | Get a wide knowledge of Mathematica programming, its commands, numerical calculations like Factorial, exponential etc. Factorial, exponential & polynomials, Plots of data functions. | | Y | |
| Condensed Matter Physics LAB | PY CL-401 | M.Sc. in Physics | Skill Development | | Y | |
| Electronics LAB | PY CL-402 | M.Sc. in Physics | Skill Development | | Y | |
| Material Science LAB | PY CL-403 | M.Sc. in Physics | Skill Development | | Y | |
| Computational Physics LAB | PY CL-404 | M.Sc. in Physics | Skill Development | | Y | |
| Skill Development | PY S-401 | M.Sc. in Physics | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Electromagnetic Fields and Waves | ELE C 101 | M.Sc .Electronics | About basic phenomenon like electric field intensity, Gauss law and its applications, Divergence theorem etc. | | Y | |
| Properties of Electronics Materials | ELE C 102 | M.Sc .Electronics | Optical constant and their physical significance, Kramer kronig relations, colour of material, properties of nano materials. | | Y | |
| Signals and Systems | ELE C 103 | M.Sc .Electronics | Discuss the signal models, types, and functions, representation of systems, properties, stability and impulse response of a fixed linear system. | | Y | |
| Computational Methods in Electronics | ELE EL101 | M.Sc .Electronics | Know the various operating systems like DOS, OSII, GUI in general also multitasking UNIX shell, text processing in UNIX environment. | Y | | |
| Digital Design and Applications | ELE EL102 | M.Sc .Electronics | Numerically understand the Boolean Algebra, simplification of K- map and applications designing of various devices. | | | Y |
| Lab A | ELE L 101 | M.Sc .Electronics | Skill Development | | Y | |
| Lab B | ELE L 102 | M.Sc .Electronics | Skill Development | | Y | |
| Skill Development | ELE S 101 | M.Sc .Electronics | Skill Development | | Y | |
| Analog and Digital Circuits | ELE C 201 | M.Sc .Electronics | Understand the construction and working of Operational Amplifier including all parameters and specifications. | | Y | |

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| Optical and Quantum Electronics | ELE C 202 | M.Sc .Electronics | To know the general mechanism of photoconductivity devices like photodetectors, phototransducer, photomultiplier tubes, impulse and frequency response etc. | | Y | |
| Network Analysis and Synthesis | ELE C 203 | M.Sc .Electronics | Understand the star and delta conversion, source transformation. Mesh and node analysis of electric circuits and network theorems. | Y | | |
| Microprocessor and Object Oriented Programming | ELE EL 201 | M.Sc .Electronics | Microprocessor architecture and its operation, memory interfacing, writing assembly language programs. | Y | | |
| Microwave Electronics | ELE EL 202 | M.Sc .Electronics | Learn about the concept and uses of Microwave, generation of microwave by conventional vacuum tube | Y | | |
| Lab A | ELE L 201 | M.Sc .Electronics | Skill Development | | Y | |
| Lab B | ELE L 202 | M.Sc .Electronics | Skill Development | | Y | |
| Skill Development | ELE S 201 | M.Sc .Electronics | Skill Development | | | Y |
| Integrated Circuit technology | ELE C 301 | M.Sc .Electronics | The method of metallization, selectivity and control rate of each rate and edge profile. | | Y | |
| Microwave and Digital Communication | ELE C 302 | M.Sc .Electronics | Principle and operation of klystron, magnetrons travelling wave tube Impatt diode. Gun & Trapatt diode. | | Y | |
| Control Systems | ELE C 303 | M.Sc .Electronics | Familiarized with the loop control Servo mechanism mathematical methods of physical system. | | Y | |
| Electronics Instrumentation and Measurement | ELE EL 301 | M.Sc .Electronics | Able to understand the concept of measuring concept of measurement error in measurement type of error specification and testing of dynamic response. | | Y | |
| VHDL | ELE EL 302 | M.Sc .Electronics | Know hardware abstraction, entity declaration, configuration and package declaration. | Y | | |
| Lab A | ELE L 301 | M.Sc .Electronics | Skill Development | | Y | |
| Lab B | ELE L 302 | M.Sc .Electronics | Skill Development | | Y | |
| Skill Development | ELE S 301 | M.Sc .Electronics | Skill Development | | Y | |
| Microcontroller and Embedded Systems | ELE C 401 | M.Sc .Electronics | Understand architecture, specialties applications of embedded system, examples and categories of embedded systems challenges and issue in embedded software, memory advance hardware, etc | | Y | |
| Cellular and Satellite Systems | ELE C 402 | M.Sc .Electronics | Understand basic knowledge of mobile and personal computers instrumentation for lab testing | | Y | |

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| Digital Signal Processing | ELE C 403 | M.Sc .Electronics | The digital signals and their processing, sampling of continuous time signals Z transform of finite length sequence, right side left sided and both sided multiplication and convolution of sequences. | Y | | |
| Internet and Web Technology and Management | ELE EL 401 | M.Sc .Electronics | Understand the network system, Topology, Modems Routers Gateways. | | | Y |
| Nano-electronics | ELE EL 402 | M.Sc .Electronics | Understand the emergence of Nano Technology, concept of quantum confinement, top-down and bottom-up approaches for preparation of Nano structures. | | Y | |
| Lab A | ELE L 401 | M.Sc .Electronics | Skill Development | | Y | |
| Industrial Training | ELE IT 402 | M.Sc .Electronics | Analyze and discuss simple JavaScript and HTML, active page, working with images working in Frames the JavaScript URL. | | | Y |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Modern Indian Political Thought | PSC101 | MA Political Science | Tracing the evolution of Indian political thought from ancient India to modern India | | | |
| Comparative Politics | PSC102 | MA Political Science | Tracing the evolution of comparative Politics as a discipline and drawing a distinction between Comparative Politics and Comparative Government | | Y | |
| International Politics & Contemporary Issues | PSC103 | MA Political Science | Studying the role of Diplomacy, Propaganda and Military capabilities in the making of foreign policy | | Y | |
| Major Ideas & Issues in Public Administration | PSC104 | MA Political Science | Analyzing the Administrative Processes: decision making; communication and control; leadership; co-ordination. | Y | | |
| Skill Development | PSC105 | MA Political Science | Enhance the Skill of the students | | Y | |
| Western Political Thought | PSC201 | MA Political Science | Examining the features of Medieval Political Thought | | | |
| Politics of South Asian Countries | PSC202 | MA Political Science | Evaluating the relations between South Asian Nations | | Y | |
| International Organisation | PSC203 | MA Political Science | Evaluate UN's role in Disarmament & contribution of Third worlds to Achieve goal of U.N. | | Y | |
| Research Methodology | PSC204 | MA Political Science | Research issues of politics and policy using appropriate research design and quantitative and/or qualitative research methods. | | Y | |
| Skill Development | PSC205 | MA Political Science | Entrepreneurship | | | Y |
| Government & Politics of India | PSC301 | MA Political Science | Know the Ministries, their role & responsibilities & also know the roles & responsibilities of Members of Parliament/ State Assemblies. | | Y | |
| International Law | PSC302 | MA Political Science | Introduction to international law relating to treaties, and to the use of force, and the relevance of the topics to current events. | | Y | |

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|--|--------|----------------------|---|---|---|--|
| Major Powers & Indian Foreign Policy | PSC303 | MA Political Science | Integrate theoretical perspectives to consider innovative ways of explaining foreign policy behavior. | | Y | |
| Principles of Public Administrations (Elective Papers) | PSC304 | MA Political Science | Organization theory and their applications to public service. | | | |
| Twentieth Century World (Elective Papers) | PSC305 | MA Political Science | The political theories namely, Socialism, Syndicalism and Historical Materialism are introduced to the students | Y | | |
| Leadership Management & Personnel Management (Elective Papers) | PSC306 | MA Political Science | Understand the correlation between recruitment, promotion, training and career development | Y | | |
| Financial Administration (Elective Papers) | PSC307 | MA Political Science | Identification of Audit and accounts system in India | Y | | |
| Human Rights (Elective Papers) | PSC308 | MA Political Science | Explore global human rights institutions, law, and processes, and assess the impact of their interaction with national and local cultural practices and norms. | | Y | |
| Skill Development | PSC309 | MA Political Science | Employability | | Y | |
| Politics & Administration of M.P | PSC401 | MA Political Science | Analyze the role of council of ministers, various constitutional authorities and constitutional commission. | | Y | |
| Western Political Theory | PSC402 | MA Political Science | Assessing empirical Political Theory: System's Analysis, Structural Functionalism. | | | |
| Diplomacy & Human Rights | PSC403 | MA Political Science | The course enables students to develop a theoretical understanding of the concept of Human Rights & It gives a historical and global perspective on human rights. | | Y | |
| Twentieth Century World (Elective Papers) | PSC404 | MA Political Science | Evaluate regional strategic organizations. | | | |
| Development Administration & Local Self-Government (Elective Papers) | PSC405 | MA Political Science | Assessing the constitutional amendment related to local self-government. | | Y | |
| Indian Administration | PSC406 | MA Political Science | Assessment of Public Services, All Indian Services, Central Services, Public Service Commission, Training of civil services. | Y | | |
| Leadership & Development (Elective Papers) | PSC407 | MA Political Science | Critically examine moral ethics in administration and leadership. | Y | | |
| Reforms & Development in M.P | PSC408 | MA Political Science | Examining of the situation related to the development of the state. | | Y | |
| Ethics, Values & Administration | PSC409 | MA Political Science | . Understand and define the concepts of integrity and ethics | | Y | |

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|--|---------|----------------------------|---|---|---|---|
| Skill Development | PSC410 | MA Political Science | Skill Development | | Y | |
| Research Methodology | PHPOSC1 | Ph.D. Political Science | Research issues of politics and policy using appropriate research design and quantitative and/or qualitative research methods. | | Y | |
| Review Of Literature | PHPOSC2 | Ph.D. Political Science | Skill development | | Y | |
| Computre Application | PHPOSC3 | Ph.D. Political Science | Improve the computer knowledge | | Y | |
| Advance Studies in Political Science | PHPOSC4 | Ph.D. Political Science | Integrate theoretical perspectives to consider innovative ways of explaining foreign policy behavior. | | Y | |
| Public Administration | PHPOSC5 | Ph.D. Political Science | To develop comprehensive understanding of the subject. It is done by teaching both conventional and new areas of relevance in the domain of political theory and philosophy, Indian politics, comparative politics, public administration and international politics. | | Y | |
| Ved | SAC 101 | MA in Sanskrit | Skill Development | | Y | |
| Vedang | SAC 102 | MA in Sanskrit | Skill Development | | Y | |
| Paali Prakuit evam Bhasha Vigyan | SAC 103 | MA in Sanskrit | Skill Development | | Y | |
| Bhartiya Darshan-I | SAE 101 | MA in Sanskrit | Skill Development | | Y | |
| Bhartiya Darshan-II | SAE 102 | MA in Sanskrit | Skill Development | | Y | |
| Skill Development | SAS 101 | MA in Sanskrit | Skill Development | | Y | |
| Sankhya evam Memansa | SAC 104 | MA in Sanskrit | Skill Development | | Y | |
| avyasharstra | SAC 105 | MA in Sanskrit | Employability | Y | | |
| Bhartiya Sanskriti evam Paryavaran | SAC 106 | MA in Sanskrit | Skill Development | | Y | |
| Kavya- Magdoot evam Kumarsambhava | SAE 103 | MA in Sanskrit | Skill Development | | Y | |
| Kavya- Karpoormanjari evam Vridhyashalbhanjika | SAE 104 | MA in Sanskrit | Skill Development | | Y | |
| Skill Development | SAS 102 | MA in Sanskrit | Entrepreneurship | | | Y |
| Mahakavya | SAC 107 | MA in Sanskrit | Skill Development | | Y | |
| Natyasharstra | SAC 108 | MA in Sanskrit | Employability | Y | | |
| Sanskrit Vadyamaya evam Adhunik Vishva | SAC 109 | MA in Sanskrit | Skill Development | | Y | |

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|---|--------------------|----------------------|--|----------------------|------------------------------|-------------------------|
| Sahityasharstra- Kavyaalnkar evam Kavyaprakash | SAE 105 | MA in Sanskrit | Employability | Y | | |
| Sahityasharstra- Kavyadarsha evam Kavyamemansa | SAE 106 | MA in Sanskrit | Employability | Y | | |
| Skill Development | SAS 103 | MA in Sanskrit | Skill Development | | Y | |
| Rupak | SAC 110 | MA in Sanskrit | Skill Development | | Y | |
| Gadhya, Padhya evam Champu | SAC 111 | MA in Sanskrit | Skill Development | | Y | |
| Vyakaran, Anuvaad evam Neebandh | SAC 112 | MA in Sanskrit | Employability | Y | | |
| Vishesh Kavi- Kaalidas | SAE 107 | MA in Sanskrit | Skill Development | | Y | |
| Vishesh Kavi- Bhavbhuti | SAE 108 | MA in Sanskrit | Skill Development | | Y | |
| Skill Development | SAS 104 | MA in Sanskrit | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Introduction to Social Work | SWC101 | MA in Social Work | To introduce all student about the process by which marginalized section will be helped. This subject include various philosophy of social work, historical background of social work and the field on which it is important to apply social work to up lift the society. | Y | | |
| Research Methods | SWC102 | MA in Social Work | To Develop research aptitude among the students.To introduce the scientific method and related research dimension like value neutrality, objectivity etc. it also includes methods like social survey, sampling and quantitative element involve dinstatistics like mean, median and mode. | | Y | |
| Human Growth & Development | SWC103 | MA in Social Work | To give insight about various elements of growth and development and why it is necessary for any society. This include the development of personality, impact of intelligence on development, how learning contributes on development and how the particular perception leads to develop mentor act as a constraint. | | Y | |
| Social welfare and Social work | SWC201 | MA in Social Work | To educate all the students how the process of social work initiated. It covers the various social process of west and India, various theories of social case work ad importance of various basic elements like assumption, principles, and work irrelationship in social work. It also introduces various theories of social case work and interview technique. | | | Y |

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| Research Methods and Elementary statistics | SWC202 | MA in Social Work | To introduce various concept of data collection like observation, interview, questionnaire etc. and quantitative element of research linked with statistics like measurement of dispersion, correlation analysis etc. it also aims to give in depth knowledge about primary and secondary data and the case study technique. | | Y | |
| Abnormal and Social Psychology | SWC203 | MA in Social Work | To acknowledge about social psychology and its relation with abnormalities in the society. It covers the element like mental health, anxiety, stress and how conflict emerged due to these elements. It also covers the importance of communication in social psychology and the ethical component like sympathy, suggestion etc. | Y | | |
| Social Policy & Planning | SWC301 | MA in Social Work | To capture all the importance of policy and planning inn macro-social system. This subject includes various element of social policy like characteristics, objective, principles etc. and how the social policy develop like between economic and social development. It also includes various types of planning like capitalist, socialist etc. and how planning developed in per and post independent India. | | Y | |
| Social Welfare & Agency Administration | SWC302 | MA in Social Work | To give in-depth knowledge about administration and why it is important for social welfare. It include various theoretical concept of welfare administration, meaning, scope, function of administration, private administration and associated issue like accountability, integrity and problems. | | Y | |
| Rural Sociology | SWE301(A) | MA in Social Work | To give in-depth knowledge about rural society of India by explaining about various institutions like Marriage, Caste, Family. To give knowledge about economic system of present and the economic system of ancient time like Jajmani, Raiyatwari, Mahalwari system. It also aims to explain problems of rural society like Migration, Untouchability etc. so that students can develop solution for these problems. | | Y | |
| Urban Sociology | SWE302(A) | MA in Social Work | To acknowledge the student about urbanization and its trends like industrialization, population growth etc. so that they can understand the urban society and their institutions like family, marriage etc. to explain the student about urban problems so that they can realize the importance of urban planning, management and the role of urban administration. | | Y | |
| Labour Legislation & Labour Welfare | SWE302(B) | MA in Social Work | To give information about various labour laws of India, which are made for the welfare of labour like wage law, maternity benefit, compensation, factory actetc. It also covers various institution which work for labour like ILO, Trade union etc. | | Y | |

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| Development & Planning | SWC401 | MA in Social Work | To develop insight about the relation between development and planning in society. It includes various govt. organization like NHRC, Planning commission etc. it also cover various aspects of development in Indian society like role of youth, importance of development project and center-state relation in with respect to development. | Y | | |
| Social Policy and Social Legislation | SWC402 | MA in Social Work | To educate all the students about how policies and legislation are in relation by give information about policies like Education policy, Housing policy and Legislation like Untouchability Act, Marriage Act etc. it covers the various community or group related legislation and policies. | | Y | |
| Industrial Relation & Labour Organization | SWE403(B) | MA in Social Work | To acknowledge the student about industrial sector and hoe labour organization play a pivotal role in industries like negotiation, mediation etc. it covers the trade union andits function, workers participation, ILO etc. it also covers the history of trade union in India. | | Y | |
| Personal Management & Industrial Psychology | SWE404(B) | MA in Social Work | To give knowledge about psychology of industry in relation to various personnel working in it so that industry can achieve maximum growth. This subject includes various personnel management like recruitment, promotion etc. grievance and discipline related issue. In psychology dimension it includes motivation; incentives, moral efficiency and it also include role of industrial psychologist. | Y | | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Sociological Theories & perspective | SOC101 | MA in Sociology | The course with equips the learners with methodological insight. | | Y | |
| Methodology of Social Research | SOC102 | MA in Sociology | The course is designed to discuss and to make learners acquainted with basics of research methodology. | | Y | |
| Rural Sociology | SOC103 | MA in Sociology | This course integrates traditional social institution which generate cooperation, and interdependency of people in rural society. | | Y | |
| Sociology of Kinship, Marriage & Family | SOE101 | MA in Sociology | The course provides a better understanding of human groupings and their importance which are being challenged by modern ideologies. | Y | | |
| Political Sociology | SOE102 | MA in Sociology | It provides an elaborated knowledge about political culture and their implication in society. | Y | | |
| Sociological Theories & Perspective | SOC201 | MA in Sociology | The course enables the learner to develop as a strong advocate of sociological knowledge. | | Y | |
| Methodology of Social Research | SOC202 | MA in Sociology | It demonstrates basic statistical knowledge and skill of data analysis. | | Y | |
| Political Sociology | SOC203 | MA in Sociology | The course integrates political system with social system to assess various explanations of socio-political linkages in present India. | Y | | |
| Indian Society & Culture | SOC301 | MA in Sociology | “Bhartiya Mode” of self-dependency and nationalism. | Y | | |

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| Sociology of Change & Development | SOC302 | MA in Sociology | The course demonstrates theoretical framework of the concepts of social change and Development, necessary for in-depth understanding of present world. | | Y | |
| Sociology of Tribes | SOC303 | MA in Sociology | The course enables learners to understand the most important section of population-‘Tribes’ | | Y | |
| Social Psychology | SOC304 | MA in Sociology | The course demonstrates conceptional and theoretical understanding of social psychological process influencing human behavior in society | | Y | |
| Criminology and Penology | SOC305 | MA in Sociology | The course demonstrates the utility of a special stream of sociological study for human life. | Y | | |
| Social Pathology | SOC306 | MA in Sociology | The course enables learners to make recommendations for social welfare. | Y | | |
| Indian Society & Culture | SOC401 | MA in Sociology | It enables learners to understand historical moorings and changes taking place their in. | Y | | |
| Sociology of Change & Development | SOC402 | MA in Sociology | The course enables learners to formulate social policies and programmes for regional development. | Y | | |
| Sociology of Tribes-II | SOC403 | MA in Sociology | Course enables one to understand tribal situation and problems which generate unrests and movements. | | Y | |
| Social Psychology-II | SOC404 | MA in Sociology | The course demonstrates detailed knowledge of dynamics of social behaviour. | Y | | |
| Criminology and Penology-II | SOC405 | MA in Sociology | To develop knowledge about facilities in Madhya Pradesh. | Y | | |
| Social Pathology-II | SOC406 | MA in Sociology | The course enables the learners for further research work. | Y | | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Microprocessor Architecture & Assembly Language Programming | MS 101 | M.Sc. in Cyber Security | Describe the architecture of 8085. | | Y | |
| Operating System Design Principles | MS 102 | M.Sc. in Cyber Security | To have a basic knowledge about multithreading. | | Y | |
| Fundamental of Information Security | MS 103 | M.Sc. in Cyber Security | Develop an understanding of Firewalls, Improving Security through Firewalls. | | Y | |
| Compiler Design | MS 104 | M.Sc. in Cyber Security | Define the phases of a typical compiler, including the front-and backend. | Y | | |
| Lab Based upon MS-101 | MS 105 | M.Sc. in Cyber Security | Employability | Y | | |
| Internals of Operating Systems | MS 201 | M.Sc. in Cyber Security | Develop software using multi process and multithread programming techniques. | | Y | |
| Computer Networks | MS 202 | M.Sc. in Cyber Security | Know the layered model approach explained in OSI and TCP/IP network models. | | Y | |

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| Digital Forensics & Tools | MS 203 | M.Sc. in Cyber Security | Explain the origins of forensic science. | Y | | |
| Advanced Data Structures | MS 204-EL-1 | M.Sc. in Cyber Security | To be familiar with fundamental data structures and with the manner in which these data. | | Y | |
| Mathematical Foundation of Information Security | MS 204-EL-2 | M.Sc. in Cyber Security | Designing security algorithm. | Y | | |
| Python Programming | MS 204-EL-3 | M.Sc. in Cyber Security | Structure a Python program in to functions. | Y | | |
| Lab Based upon MS-203 | MSL-205 | M.Sc. in Cyber Security | Employability | Y | | |
| Secure Software Engineering | MS 301 | M.Sc. in Cyber Security | Ability to apply software engineering principles and techniques. | Y | | |
| Computer Forensics Analysis & Investigation | MS 302 | M.Sc. in Cyber Security | Determining what data to collect and analyze. | | | Y |
| Cryptography & Network Security | MS 303 | M.Sc. in Cyber Security | Learn fundamentals of cryptography and its application to network security. | | | Y |
| E-Commerce Security | MS 304-EL-1 | M.Sc. in Cyber Security | Understand the importance of security, privacy, ethical and legal issues of e-commerce. | | | Y |
| Artificial Intelligence | MS 304-EL-2 | M.Sc. in Cyber Security | Identify appropriate AI technique for the problem at hand | | | Y |
| Machine Learning | MS 304-EL-3 | M.Sc. in Cyber Security | Design and adapt existing machine learning algorithms to suit applications. | | Y | |
| Lab Based upon MS-302 | MSL-305 | M.Sc. in Cyber Security | Employability | Y | | |
| Ethical Hacking | MS-401 | M.Sc. in Cyber Security | Learn the difference between a vulnerability assessment and a penetration test. | | | Y |
| Cyber Law & Information Security | MS-402 | M.Sc. in Cyber Security | Understand the importance of information security and how can manage the security of network as well as data. | | Y | |
| Project | MSL-403 | M.Sc. in Cyber Security | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Object Oriented Programming In C++ | MCA 101 | MCA | Learn exception and basic event handling mechanisms in a program. | Y | | |
| Relational Data Base Management System | MCA 102 | MCA | Formulate, using SQL, solutions to a broad range of query and data update problems. | | Y | |

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| Computer Network | MCA 103 | MCA | Identify different types of network devices and their functions within a network. | | Y | |
| Operational Research | MCA 104 | MCA | Convert the problem into a mathematical model. | | Y | |
| Operating System Concepts | MCA 105 | MCA | To have a basic knowledge about multithreading. | | Y | |
| C++ Programming Lab | MCAL-106 | MCA | Employability | Y | | |
| SQL Lab | MCAL-107 | MCA | Employability | Y | | |
| Skill Development | SKILL-I | MCA | Skill Development | | Y | |
| Object Oriented Analysis & Design | MCA 201 | MCA | Ability to apply software engineering principles and techniques. | | Y | |
| Dot Net Technologies | MCA 202 | MCA | Use .NET framework architecture, various tools, and Validation techniques. | | Y | |
| Java Programming | MCA 203 | MCA | Knowledge of the structure and model of the Java programming language. | Y | | |
| Theory of Computation | MCA 204-EL-1 | MCA | Recognize and comprehend formal reasoning about languages. | | Y | |
| Computer Graphics via Multimedia | MCA 204-EL-2 | MCA | Ability to design basic graphics application programs. | | | Y |
| Advance Data Structure | MCA 204-EL-3 | MCA | To have knowledge of complexity of basic operations like insert, delete, search on these data structures. | | Y | |
| Software engineering | MCA 205-EL-1 | MCA | Students can implement testing strategies thoroughly using testing tools. | Y | | |
| Open Source Software Development | MCA 205-EL-2 | MCA | Ability to install and run open-source operating systems. | Y | | |
| Unix Administration & Shell Scripting | MCA 205-EL-3 | MCA | Describe the architecture and features of UNIX Operating System and distinguish it from other Operating System. | Y | | |
| Java Programming Lab | MCAL-206 | MCA | Employability | Y | | |
| Dot Net Technologies +UML Lab | MCAL-207 | MCA | Employability | Y | | |
| Skill Development | SKILL-II | MCA | Skill Development | | | Y |
| Digital Forensics | MCA 301 | MCA | Explain the origins of forensic science. | Y | | |
| Python Programming | MCA 302 | MCA | Develop Python Programs for file processing. | Y | | |
| Cloud Computing | MCA 303 | MCA | Analyze the trade-offs between deploying applications in the cloud and over the local infrastructure. | Y | | |
| Data Warehousing & Data Mining | MCA 304-EL-1 | MCA | Building basic terminology. | | Y | |

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| Machine Learning | MCA 304-EL-2 | MCA | Differentiate between supervised, unsupervised machine learning approaches. | | Y | |
| Big Data Hadoop | MCA 304-EL-3 | MCA | Ability to identify the characteristics of data sets and compare the trivial data and big data for various applications. | | Y | |
| Computer Vision & Digital Image Processing | MCA 304-EL-4 | MCA | Various types of images, intensity transformations and spatial filtering. | Y | | |
| Compiler Design | MCA 305-EL-1 | MCA | Define the phases of a typical compiler, including the front-and backend. | Y | | |
| Artificial Intelligence | MCA 305-EL-2 | MCA | Identify appropriate all technique for the problem at hand. | | | Y |
| Cyber Law & Information Security | MCA 305-EL-3 | MCA | Know the working of security models and applied algorithms. | | Y | |
| Bioinformatics | MCA 305-EL-4 | MCA | With a working knowledge of the practical and theoretical concepts of bio informatics, you will be well qualified to progress onto advanced graduate study. | | Y | |
| Digital Forensics Lab | MCAL-306 | MCA | Employability | Y | | |
| Python Programming Lab | MCAL-307 | MCA | Employability | Y | | |
| Skill Development | SKILL-III | MCA | Skill Development | | Y | |
| Major Project | MCA 401 | MCA | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Computer Fundamentals | PGDCA-101 | PG Diploma in Computer Application | Handle a computer system for day-to-day use. | | Y | |
| Operating Systems | PGDCA-102 | PG Diploma in Computer Application | Develop software using multi process and multithread programming techniques. | | Y | |
| PC Packages | PGDCA-103 | PG Diploma in Computer Application | Employability | Y | | |
| Intro. to Programming & Problem Solving Using C++ | PGDCA-104 | PG Diploma in Computer Application | Learn exception and basic event handling mechanisms in a program. | | Y | |
| Lab: Based on Paper 102 & Paper 103 | PGDCA-105 | PG Diploma in Computer Application | Employability | Y | | |
| Lab: Based on Paper 104 | PGDCA-106 | PG Diploma in Computer Application | Employability | Y | | |
| Internet Concepts & Web Design | PGDCA-201 | PG Diploma in Computer Application | Understanding the concept of web designing | | | Y |

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| Visual Programming | PGDCA-202 | PG Diploma in Computer Application | Skill Development | | Y | |
| DBMS/RDBMS with MS Access | PGDCA-203 | PG Diploma in Computer Application | Employability | Y | | |
| Financial Accounting & Tally | PGDCA-204 | PG Diploma in Computer Application | Employability in the job market. | | | Y |
| Lab: Based on Paper 201 & Paper 204 | PGDCA-205 | PG Diploma in Computer Application | Employability | Y | | |
| Lab: Based on Paper 202 & Paper 203 | PGDCA-206 | PG Diploma in Computer Application | Employability | Y | | |
| Project Work | PGDCA-207 | PG Diploma in Computer Application | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Microprocessor Architecture & Assembly Language Programming | DCC-101 | PG Diploma in Cyber Security | Describe the architecture of 8085. | | Y | |
| Operating Systems Design Principles | DCC-102 | PG Diploma in Cyber Security | To have a basic knowledge about multithreading. | | Y | |
| Computer Networks | DCC-103 | PG Diploma in Cyber Security | Know the layered model approach explained in OSI and TCP/IP network models. | | Y | |
| Fundamentals of Information Security | DCC-104 | PG Diploma in Cyber Security | Develop an understanding of Firewalls, Improving Security through Firewalls. | | Y | |
| Lab: Based on Paper 101 & Paper 104 | DCC-105 | PG Diploma in Cyber Security | Skill Development | | Y | |
| Linux Administration | DCC-201 | PG Diploma in Cyber Security | Organize and manage software built for deployment and demonstration; | Y | | |
| E-Commerce Security | DCC-202 | PG Diploma in Cyber Security | Entrepreneurship | Y | | |
| Digital Forensics & Tools | DCC-203 | PG Diploma in Cyber Security | Explain the origins of forensic science. | Y | | |
| Cyber Law & Information Security | DCC-204 | PG Diploma in Cyber Security | Understand the importance of information security and how can manage the security of network as well as data. | | Y | |
| Lab: Based on Paper 201 & Paper 203 | DCC-205 | PG Diploma in Cyber Security | Skill Development | | Y | |

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|--|--------------------|-------------------------------------|--|----------------------|--------------------------|-------------------------|
| Project Work | DCC-206 | PG Diploma in Cyber Security | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/Skill development | Employability | Skill Development | Entrepreneurship |
| Fundamental of Computer and Programming | BCA-101 | BCA | Handle a computer system for day-to-day use. | | Y | |
| Operating System (DOS, Windows and Unix) | BCA-102 | BCA | To have a basic knowledge about multithreading. | | Y | |
| Mathematical Foundation | BCA-103 | BCA | Evaluate elementary differentiation, elementary integration and partial differentiation. | | Y | |
| Programming in C | BCA-104 | BCA | Identify situations where computational methods and computers would be useful. | | Y | |
| Communication English | BCA-105 | BCA | Create awareness about learning styles and college resources, encourage the adoption of study skills, and increase competence in the use of technology so that learners may more effectively achieve academic goals. | | Y | |
| Computer Lab-I (Programming in C) | BCAL-106 | BCA | Employability | Y | | |
| Computer Lab-II (DOS, Unix) | BCAL-107 | BCA | Employability | Y | | |
| Computer System Architecture | BCA-201 | BCA | To make students understand the basic structure, operation and characteristics of digital computer. | Y | | |
| Graphical User Interface Programme with Visual Basic | BCA-202 | BCA | Entrepreneurship | | | Y |
| Data Structure and Algorithms | BCA-203 | BCA | Explain the advantages and disadvantages of recursion. | | Y | |
| Cyber Security | BCA-204 | BCA | Identify and classify particular examples of attacks. | Y | | |
| Numerical Methods & Analysis | BCA-205 | BCA | Apply recursive functions and solve recurrence relations. | | Y | |
| Computer Lab-I (Programming in VB) | BCAL 206 | BCA | Employability | Y | | |
| Computer Lab-II (Programming in DS) | BCAL 207 | BCA | Employability | Y | | |
| Data Base Management System | BCA-301 | BCA | Normalize a database. | Y | | |
| OOPS & Programming in C++ | BCA-302 | BCA | Learn the concepts of data, abstraction and encapsulation. | Y | | |
| PHP & My-SQL | BCA-303 | BCA | Display and insert data using PHP and My SQL. | Y | | |
| Principal of Management | BCA-304 | BCA | Principles and Types of report MIS. | | Y | |
| Software engineering | BCA 305-EL-1 | BCA | Ability to apply software engineering principles and techniques. | Y | | |

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| Internals of Operating Systems | BCA 305-EL-2 | BCA | Develop software using multi process and multithread programming techniques. | | Y | |
| Cloud Computing | BCA 305-EL-3 | BCA | Apply the fundamental concepts in data centers to understand the trade offs in power, efficiency and cost. | Y | | |
| Computer Forensics Analysis & Investigation | BCA 305-EL-4 | BCA | Determining what data to collect and analyze. | | | Y |
| VB.NET | BCA-401 | BCA | Understand the programming algorithm, process, and structure. | | | Y |
| Computerized Financial Management (Tally) | BCA-402 | BCA | Employability in the job market | | | Y |
| Theory of Operating Systems | BCA-403 | BCA | To have a basic knowledge about multithreading. | | Y | |
| System Analysis & Design Management Information System | BCA-404 | BCA | Translate the role of information systems in organizations, the strategic management processes, with the implications for the management. | | Y | |
| Embedded Systems | BCA 405-EL-1 | BCA | Skill Development | | Y | |
| E-Mobile Technology | BCA 405-EL-2 | BCA | Understand cellular concepts like frequency reuse, hand-off and Interference. | | | Y |
| E-Commerce & Accounting Package | BCA 405-EL-3 | BCA | Entrepreneurship | | | Y |
| Operation Research | BCA 405-EL-4 | BCA | Skill Development | | Y | |
| Computer Lab-I (VB.NET) | BCAL 406 | BCA | Employability | Y | | |
| Minor Project | BCAL 407 | BCA | Skill Development | | Y | |
| Computer Network | BCA-501 | BCA | Familiarize with contemporary issues in network technologies. | | Y | |
| Java Programming | BCA-503 | BCA | Knowledge of the structure and model of the Java programming language | Y | | |
| Data Mining Concepts | BCA-504 | BCA | Apply preprocessing statistical methods for any given rawdata. | | Y | |
| System Programming using Linux | BCA 505-EL-1 | BCA | Organize and manage software built for deployment and demonstration; | Y | | |
| System Simulation & Modeling | BCA 505-EL-2 | BCA | Employability | Y | | |
| Compiler Design | BCA 505-EL-3 | BCA | Define the phases of a typical compiler, including the front-and backend | Y | | |
| Image Processing | BCA 505-EL-4 | BCA | Various types of images, intensity transformations and spatial filtering. | Y | | |
| Computer Lab-I (ASP,NET) | BCAL 506 | BCA | Employability | Y | | |
| Computer Lab-II (JAVA) | BCAL 507 | BCA | Employability | Y | | |

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|--|---------|----------------------------------|---|---|---|---|
| Dissertation | BCA 601 | BCA | Skill Development | | Y | |
| Organizational behavior | MM 101 | MBA (Marketing Management) | An understanding of the individual and group behavior both Inside the organization and Outside the organization. Skill enhancement for increasing the effectiveness in –Understanding Individuals, Appreciating Individuals, Interpersonal Process ,Group process. | | Y | |
| Principles and practices of management | MM 102 | MBA (Marketing Management) | Students will gain knowledge on the following topics: Basic concepts of Management. Students to gain appreciation field of management for Emerging ideas of Management. Techniques. Procedure and Practices | | Y | |
| Accounting for managers | MM103 | MBA (Marketing Management) | Equip with basic knowledge of Accounting Principles, Accounting Conventions, Accounting Concepts. Awareness of Financial reporting system, Techniques of financial analyzing. Managerial decision making and control. | | Y | |
| Managerial Economics | MM 104 | MBA (Marketing Management) | Equip with the Analytical Tools of Economics and application of the same, Develop Economic way of dealing with practical business problems and challenges | | Y | |
| Human Resource Management | MM121 | MBA (Marketing Management) | Management of People in terms of Knowledge, Skills, Competencies Effectiveness of Human Resource Management ,Perception, Assumption, Belief | Y | | |
| Financial Management & Control | MM122 | MBA (Marketing Management) | Conceptual framework of Finance, Acquaint for Financial Decisions Tools of financial management, Techniques of financial management Process of financial management | Y | | |
| marketing Management | MM123 | MBA (Marketing Management) | Management of Marketing Operations to promote it's, Understanding, Concepts, Process, Philosophies, Techniques | | Y | |
| Production and operation management | MM124 | MBA (Marketing Management) | Explore the interrelationship between Operation and Supply Chain Management, Provision of the concepts and solutions in, Design of supply chain, Operation of supply chain, Control of supply chain, Management of supply chain | | Y | |
| Business research methodology | MM 125 | MBA (Marketing Management) | Equip with Philosophy as well as Practical Aspect of research, Insight about various research concepts for dealing various business decision situation | | Y | |
| Managerial Communication | MM 126 | MBA (Marketing Management) | Personality development of the learner, Acquaint with the following to transform communication abilities, Fundamentals of Communication Learning various forms of communication | Y | | |
| Management science | MM 127 | MBA (Marketing Management) | Application of mathematical tools and techniques, Application of research tools and techniques | | Y | |
| Retail management | MM 128 | MBA (Marketing Management) | Fundamentals of Retail business, Exposure to multi dimensions of field, Provide insight of the emerging Retail World. | | | Y |

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|---|--------------------|----------------------------|--|----------------------|--------------------------|-------------------------|
| Decision support and management system | MM 201 | MBA (Marketing Management) | Fundamentals of business, Exposure to multi dimensions of field, Provide insight of the emerging World. | | Y | |
| Advertising and brand management | MM205 | MBA (Marketing Management) | Acquaint with, Concepts of advertising program, Techniques for developing advertising program, Application for effective advertising program | Y | | |
| Sales and distribution management | MM204 | MBA (Marketing Management) | Theory of managing sales, Practice of managing sales, Inculcate personal selling skills | Y | | |
| Marketing strategies | MM 207 | MBA (Marketing Management) | Students will gain knowledge on the following topics : Understanding of Marketing Strategy | Y | | |
| Event Marketing | MM 208 | MBA (Marketing Management) | Students will gain knowledge on the following topics: Understanding of Event Marketing | Y | | |
| Supply Chain Management | MM 209 | MBA (Marketing Management) | Students will gain knowledge on the following topics: Understanding of supply chain management | Y | | |
| Strategic Management | MM 221 | MBA (Marketing Management) | Introduction to approaches to brand equity, Conceptual framework for providing brand strategically, Emphasize on Role of brands, Concept of brand equity, Advantages of creating strong brands, Provide insight to create profitable brand strategies, Measuring and managing brand equity | | | Y |
| Rural and Industrial Marketing | MM 224 | MBA (Marketing Management) | Students will gain knowledge on the following topics: Concept of industrial marketing, Developing sound marketing policies | Y | | |
| Marketing of Service | MM 225 | MBA (Marketing Management) | Students will gain knowledge on the following topics: Understanding of service and service marketing, Emphasis on aspects of service marketing | Y | | |
| Management of public relation communication | MM 226 | MBA (Marketing Management) | Students will gain knowledge on the following topics: Understanding of public relations concept | Y | | |
| Marketing Models | MM 227 | MBA (Marketing Management) | Students will gain knowledge on the following topics: Understanding of Marketing models | | Y | |
| Organizational behavior | MM 228 | MBA (Marketing Management) | An understanding of the individual and group behavior both Inside the organization Outside the organization. Skill enhancement for increasing the effectiveness in Understanding Individuals, Appreciating Individuals, Interpersonal Process Group process. | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Organizational behavior | MS 101 | MBA | An understanding of individual and group behavior both inside the organization and outside the organization. | | Y | |
| Principles and practices of management | MS 102 | MBA | Students will gain knowledge on the following topics, Basic concepts of Management. | Y | | |

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|--|--------|-----|--|---|---|---|
| Accounting for managers | MS 103 | MBA | Equip with basic knowledge of Accounting Principles , Accounting Conventions, Accounting Concepts. | Y | | |
| Managerial Economics | MS 104 | MBA | Equip with the Analytical Tools of Economics and application of the same | | | Y |
| Human Resource Management | MS 105 | MBA | Management of People in terms of Knowledge, Skills, Competencies Along with the organization asset as Capital, Material, Information Knowledge | | Y | |
| Financial Management | MS 106 | MBA | Conceptual framework of Finance, Acquaint for Financial Decisions | | Y | |
| Marketing Management | MS 107 | MBA | Management of Marketing Operations to promote it's understandings, concepts, process. | Y | | |
| Production and operation management | MS 108 | MBA | Explore the interrelationship between Operation and Supply Chain Management | Y | | |
| Business research methodology | MS 109 | MBA | Insight about various research concepts for dealing various business decision situation | | Y | |
| Managerial Communication | MS 110 | MBA | Personality development of the learner and more. | | Y | |
| Management science | MS 111 | MBA | Application of mathematical tools and techniques, Application of research tools and techniques | | Y | |
| Retail management | MS 112 | MBA | Fundamentals of Retail business, Exposure to multi dimensions of field, Provide insight of the emerging Retail World. | | Y | |
| Decision support and management system | MS 113 | MBA | Appreciation of essential complementarily between Values and Skills | | Y | |
| Advertising and brand management | MS 114 | MBA | Acquaint the learners with the subject with respect to, Concepts, Techniques, Experience in applications | Y | | |
| Organizational behavior | MS 115 | MBA | An understanding of individual and group behavior both inside the organization and outside the organization. | Y | | |
| Principles and practices of management | MS 116 | MBA | Tool and Techniques important for strategic contribution to HRM | | Y | |
| Accounting for managers | MS 117 | MBA | Equip with basic knowledge of Accounting Principles , Accounting Conventions, Accounting Concepts. | | Y | |
| Managerial Economics | MS 118 | MBA | Knowledge of learners in management of Projects | | Y | |
| Human Resource Management | MS 119 | MBA | Management of People in terms of Knowledge, Skills, Competencies Along with the organization asset as Capital, Material, Information Knowledge | Y | | |
| Financial Management | MS 120 | MBA | Conceptual framework of Finance, Acquaint for Financial Decisions | | Y | |

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|--|--------|-----|--|---|---|---|
| Marketing Management | MS 121 | MBA | Management of Marketing Operations to promote it's understandings, concepts, process. | Y | | |
| Organizational behavior | MS 122 | MBA | An understanding of individual and group behavior both inside the organization and outside the organization. | Y | | |
| Principles and practices of management | MS 123 | MBA | Students will gain knowledge on the following topics, Basic concepts of Management. | Y | | |
| Accounting for managers | MS 124 | MBA | Equip with basic knowledge of Accounting Principles , Accounting Conventions, Accounting Concepts. | | | Y |
| Managerial Economics | MS 125 | MBA | Equip with the Analytical Tools of Economics and application of the same | Y | | |
| Human Resource Management | MS 126 | MBA | Equip with the Analytical Tools of Economics and application of the same | | | Y |
| Financial Management | MS 127 | MBA | Conceptual framework of Finance, Acquaint for Financial Decisions | | | Y |
| Marketing Management | MS 128 | MBA | Management of Marketing Operations to promote it's understandings, concepts, process. | | | Y |
| Production and operation management | MS 129 | MBA | Explore the interrelationship between Operation and Supply Chain Management | | | Y |
| Business research methodology | MS 130 | MBA | Equip with Philosophy as well as Practical Aspect of research, Insight about various research concepts for dealing various business decision situation | | Y | |
| Managerial Communication | MS 131 | MBA | Personality development of the learner and more. | Y | | |
| Management science | MS 132 | MBA | Skill development | | Y | |
| Retail management | MS 133 | MBA | Fundamentals of Retail business, Exposure to multi dimensions of field, Provide insight of the emerging Retail World. | | | Y |
| Decision support and management system | MS 134 | MBA | Appreciation of essential complementarily between Values and Skills | | Y | |
| Advertising and brand management | MS 135 | MBA | Acquaint the learners with the subject with respect to, Concepts, Techniques, Experience in applications | | Y | |
| Organizational behavior | MS 136 | MBA | An understanding of individual and group behavior both inside the organization and outside the organization. | | Y | |
| Principles and practices of management | MS 137 | MBA | Students will gain knowledge on the following topics, Basic concepts of Management. | | Y | |

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|---------------------------------|--------------------|----------------|--|----------------------|--------------------------|-------------------------|
| Accounting for managers | MS 138 | MBA | Equip with basic knowledge of Accounting Principles , Accounting Conventions, Accounting Concepts. | | Y | |
| Managerial Economics | MS 139 | MBA | Equip with the Analytical Tools of Economics and application of the same | | Y | |
| Human Resource Management | MS 140 | MBA | Equip with the Analytical Tools of Economics and application of the same | | Y | |
| Financial Management | MS 141 | MBA | Conceptual framework of Finance, Acquaint for Financial Decisions | | Y | |
| Marketing Management | MS 142 | MBA | Management of Marketing Operations to promote it's understandings, concepts, process. | Y | | |
| Organizational behavior | MS 143 | MBA | An understanding of individual and group behavior both inside the organization and outside the organization. | Y | | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Moral Values & Languages | BMC 101 | B.Com. (Hons.) | Students will gain knowledge on the following topics Moral values and language, Learning from context, Language skills | Y | | |
| Development of Entrepreneurship | BMC 102 | B.Com. (Hons.) | Students will gain knowledge on the following topics, Entrepreneurship, Motivation, Project report evaluation, Economic management, Production management, Regulatory institutions | | Y | |
| Environmental Studies | BMC 103 | B.Com. (Hons.) | Students will gain knowledge on the following topics, Ecosystem, Naturalr esources, Biodiversity, Environmental pollution, Social issue related to environment | Y | | |
| Financial Accounting | BMC 104 | B.Com. (Hons.) | Accounting, Final accounts, Hire purchase, Branch Accounting, Department Accounting, Partnership Accounting | Y | | |
| Business Law | BMC 105 | B.Com. (Hons.) | Indian Contract Act 1872 Types of agreement and contract, Specific Contracts, Sale of Good Act, Partnership laws, Negotiable instruments Act | | Y | |
| Business Organisation | BMC 106 | B.Com. (Hons.) | Concept of business Forms of business organization, Choice of form of organization, Plant location, Business combination | | Y | |
| Micro Economics | BMC 107 | B.Com. (Hons.) | Concept of business, Forms of business organization, Choice of form of organization, Plant Business combination | | Y | |
| Skill Development | BMS 101 | B.Com. (Hons.) | Skill Development | | Y | |
| Moral Values & Languages-II | BMC 201 | B.Com. (Hons.) | Moral values and language | Y | | |
| Development of Entrepreneurship | BMC 202 | B.Com. (Hons.) | Entrepreneurship, Motivation, Communication skills, Project report evaluation, Forms of organization | Y | | |

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|--|---------|----------------|--|---|---|---|
| Business Communication | BMC 203 | B.Com. (Hons.) | Communication, Business Correspondence, Report writing business report, Effective listening, Vocabulary | | Y | |
| Manag. Prin. & Applications | BMC 204 | B.Com. (Hons.) | Managerial functions Detail study of Planning, Organizing, Staffing, Leading Controlling | | Y | |
| Corporate Laws | BMC 205 | B.Com. (Hons.) | Documents study Memorandum of association, Article of association, Doctrine of constructive notice | | Y | |
| Business Statistics | BMC 206 | B.Com. (Hons.) | Statistics introduction Measure of Central Tendency, Measure of variation, Correlation analysis, Index number | Y | | |
| Skill Development | BMS 201 | B.Com. (Hons.) | Skill Development | | Y | |
| Moral Values & Languages-III | BMC 301 | B.Com. (Hons.) | Moral values and language | | | Y |
| Environmental Studies | BMC 302 | B.Com. (Hons.) | Environmental conservation laws | | Y | |
| Business Mathematics | BMC 303 | B.Com. (Hons.) | Logarithms and antilogarithms | Y | | |
| Income Tax law and practice | BMC 304 | B.Com. (Hons.) | Introduction to Income tax Act Income from salary, Income from house property. Set off and carry forward, Assessment procedure | Y | | |
| Human Resource Management | BMC 305 | B.Com. (Hons.) | Human resource management | Y | | |
| Micro Economics | BMC 306 | B.Com. (Hons.) | Introduction to Micro economics | Y | | |
| E Commerce | BMC 307 | B.Com. (Hons.) | Introduction to E Commerce | Y | | |
| Skill Development | BMS 301 | B.Com. (Hons.) | Skill Development | | | Y |
| Moral Values & Languages-IV | BMC 401 | B.Com. (Hons.) | Moral Values & Languages | Y | | |
| Environmental Studies-II | BMC 402 | B.Com. (Hons.) | Environmental awareness | Y | | |
| Indirect Tax | BMC 403 | B.Com. (Hons.) | Knowledge on Central excise duty, Custom duty, Central sales tax, MP Value added tax, Service Tax | Y | | |
| Corporate Accounting | BMC 404 | B.Com. (Hons.) | Accounting for share capital, Final accounts, Valuation of Goodwill, Valuation of Shares, Amalgamation | | Y | |
| Indian Economic Performance & Policies | BMC 405 | B.Com. (Hons.) | Issue in economic development, Features of Indian economy, Policy regime, Growth and development, Structural Change | | Y | |
| Entrepreneurship | BMC 406 | B.Com. (Hons.) | Entrepreneurship | | | Y |
| Skill Development | BMS 401 | B.Com. (Hons.) | Skill Development | Y | | |
| Moral Values & Languages-V | BMC 501 | B.Com. (Hons.) | Moral Values & Languages | Y | | |

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| Basics of Computer and information technology -1 | BMC 502 | B.Com. (Hons.) | Introduction to Computer | | | Y |
| Cost Accounting | BMC 503 | B.Com. (Hons.) | Cost, Cost accounting, Unit costing, Process costing, Contract costing | | Y | |
| Principles of Marketing | BMC 504 | B.Com. (Hons.) | Concept of marketing, Market selection | | Y | |
| Computer Applications in Business | BMC 506 | B.Com. (Hons.) | Word processing, Presentation, Spreadsheet and business, Database management system | Y | | |
| Mfinancial Marketing | BMC 505 | B.Com. (Hons.) | Introduction to Financial system | Y | | |
| Fin. Markets inst. & fin.serv.(Elective) | BME 501 | B.Com. (Hons.) | Financial services industry | | Y | |
| Corporate Tax Planning | BME 502 | B.Com. (Hons.) | Tax planning with reference | | Y | |
| Advertising (Elective) | BME 503 | B.Com. (Hons.) | Introduction to Advertising, Media decision, Mortgage development, Measuring advertising, Advertising agency | | Y | |
| Organisational Behavior | BME 504 | B.Com. (Hons.) | Group decision making, Motivation, Leadership, Organisational culture | | Y | |
| Skill Development | BMS 501 | B.Com. (Hons.) | Skill Development | | Y | |
| Moral Values & Languages-VI | BMC 601 | B.Com. (Hons.) | Moral Values & Languages | Y | | |
| Basics of Computer and information technology -2 | BMC 602 | B.Com. (Hons.) | Ms Excel, Internet, Web services, Cyber ethics | Y | | |
| Auditing | BMC 603 | B.Com. (Hons.) | Auditing introduction | | Y | |
| Research Methodology | BMC 604 | B.Com. (Hons.) | Formulation of research problem | | Y | |
| Management Accounting | BMC 605 | B.Com. (Hons.) | Advance tax payment | | Y | |
| Project-II | BMC 606 | B.Com. (Hons.) | Employability | Y | | |
| Report on any Accounting Software | BMC 607 | B.Com. (Hons.) | Skill Development | | Y | |
| Fundamentals of Investment (Elective) | BME 601 | B.Com. (Hons.) | Employability | Y | | |
| Business Tax Pro. & Mang. | BME 602 | B.Com. (Hons.) | Employability | Y | | |
| International Marketing (Elective) | BME 603 | B.Com. (Hons.) | Employability | Y | | |
| Consumer Affairs & Custom Care | BME 604 | B.Com. (Hons.) | Employability | Y | | |
| Skill Development | BMS 601 | B.Com. (Hons.) | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |

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| Fundamentals of Horticulture | HOR-101 | B.Sc. Agriculture | . Be able to develop new plant through training, pruning, tree form function | | Y | |
| Fundamentals of Plant Biochemistry and Biotechnology | BCB-102 | B.Sc. Agriculture | Knowledge of production of micro-propagation and DNA finger printing | | Y | |
| Fundamentals of Soil Science | SSA-103 | B.Sc. Agriculture | Estimation of soil physical properties, soil texture, structure, density, porosity, soil colour, consistency and plasticity | | Y | |
| Introduction to Forestry | IFR-104 | B.Sc. Agriculture | Skill Development | | Y | |
| Comprehension & Communication Skill in English | CCS-105 | B.Sc. Agriculture | Skill Development | | Y | |
| Fundamentals of Agronomy | AGR-106 | B.Sc. Agriculture | Basic elements of climate and weather required for crop production. | | Y | |
| Elementary Mathematics | EMA-107 | B.Sc. Agriculture | To able to calculate and analysis data for statistical analysis. | | Y | |
| Introductory Biology | IBO-108 | B.Sc. Agriculture | Knowledge of Functions of cell, Seed & important plant kingdom families of flowering plants. | | Y | |
| Agricultural Heritage | AGH-109 | B.Sc. Agriculture | Knowledge of national agriculture setup in India. | | Y | |
| Rural Sociology & Educational Psychology | EXT -110 | B.Sc. Agriculture | To study the Sociology and Rural Sociology understand the social structure and social groups. | Y | | |
| Human Value and Ethics | HYV-101 | B.Sc. Agriculture | Employability | Y | | |
| Fundamentals of Genetics | PBG- 201 | B.Sc. Agriculture | Familiarity with Quantitative traits and Qualitative traits. Knowledge improvement of Cytoplasmic inheritance. | | Y | |
| Agricultural Microbiology | AGM- 202 | B.Sc. Agriculture | Understanding plant microbe interactions. | | Y | |
| Soil and Water Conservation Engineering | SWC- 203 | B.Sc. Agriculture | To understand different types of soil and water conservation methods. | Y | | |
| Fundamentals of Crop Physiology | FCP-204 | B.Sc. Agriculture | To understand the seed germination and purity percentage of seed | | Y | |
| Fundamentals of Agricultural Economics | FAE- 205 | B.Sc. Agriculture | To understand different types of activity of Economics & Agricultural Economics. | | Y | |
| Fundamentals of Plant Pathology | FPP-206 | B.Sc. Agriculture | Information on pathogenicity, pathogenesis and infection, its related symptoms. | | Y | |
| Fundamentals of Entomology | ENT- 207 | B.Sc. Agriculture | To understanding of the primary literature in entomology and be able to critically evaluate information in primary research articles | | Y | |
| Communication Skill and Personality | CSP- 208 | B.Sc. Agriculture | After completing this course, the students will develop excellent verbal and non-verbal communication skills, and will be having an effective personality full of confidence to face the challenges of life. | | Y | |
| Crop Production Technology-I (Kharif Crop) | CPT-301 | B.Sc. Agriculture | Knowledge of economic and geographical distribution of field crops. | Y | | |

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| Fundamentals of Plant Breeding | FPB-302 | B.Sc. Agriculture | Understand the various genetic principles and procedures of crop improvement. | | Y | |
| Agricultural Finance and Cooperation | AFC-303 | B.Sc. Agriculture | Understanding the need & classification of credit Clear understand the different types of credit & credit analysis like 3''R'', 5 ''C'' & 7P''s | Y | | |
| Agricultural Informatics | AIF-304 | B.Sc. Agriculture | Perfection in practicing WINDOWS Operating Systems and other agriculture informatics software and devices. | Y | | |
| Farm Machinery and Power | FMP-305 | B.Sc. Agriculture | Knowledge of equipments in used in organic and inorganic farming. | | | Y |
| Production Technology of Vegetables and Spices | PVS-306 | B.Sc. Agriculture | To give knowledge about the production technology of spices, medicinal and aromatic plants. | | | Y |
| Environmental Studies and Disaster Management | ESD-307 | B.Sc. Agriculture | Knowledge about management of flood, earth quack, cyclone and land-slides. | Y | | |
| Statistics Method | STM-308 | B.Sc. Agriculture | Improvement in the Information about Sampling, Sampling Distribution and Standard Error. | | Y | |
| Livestock and Poultry Management | LPM-309 | B.Sc. Agriculture | After study of this subject the students will be able to differentiate between various breeds of livestock and poultry and will be able to manage livestock and poultry units professionally. | Y | | |
| Crop Production Technology–II (Rabi Crop) | CPT- 401 | B.Sc. Agriculture | To able cost-effective crops for increase economic level of India Enhanced Knowledge of Sample Surveys inAgriculture. | | | Y |
| Production Technology for Ornamental Crops, MAP and Land Scraping | POL- 402 | B.Sc. Agriculture | Be able to develop landscaping different style of formal, free, wild and informal garden through gardening. | | | Y |
| Renewable Energy and Green Technology | REG- 403 | B.Sc. Agriculture | Clear understanding of principles of agricultural wastes. | Y | | |
| Problematic Soils and their Management | PSM- 404 | B.Sc. Agriculture | Received knowledge about Flooded and polluted soil. | | Y | |
| Production Technology for Fruit and Plantation Crops | PFP- 405 | B.Sc. Agriculture | Be able to develop new variety and new species through propagation methods, selection and hybridation. | Y | | |
| Principles of Seed Technology | PST- 406 | B.Sc. Agriculture | Production of nucleus & breeder's seed, Foundation and certified seed production. | | | Y |
| Farming System and Sustainable Agriculture | FSA- 407 | B.Sc. Agriculture | To know the problem Soil, acid, Salt affected and calcareous Soil characteristics, and Nutrient availabilities. | | | Y |
| Agricultural Marketing Trade & Prices | AMT- 408 | B.Sc. Agriculture | Knowledge of agricultural marketing, cooperative marketing. | | | Y |
| Introductory Agro Meteorology & Climate Change | AMC- 409 | B.Sc. Agriculture | Knowledge about determination of vapor pressure and relative humidity. | | Y | |

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| Commercial Plant Breeding | CMB- 410 | B.Sc. Agriculture | Importance, scope and potential of bio pesticides. | | | Y |
| Principles of Integrated Pest and Disease Management | IPDM- 501 | B.Sc. Agriculture | Gain knowledge of agro-ecosystem dynamics of insectpests & Diseases. | | Y | |
| Manures, Fertilizers and Soil Fertility Management | MFSM- 502 | B.Sc. Agriculture | Gained knowledge about fertilizers classifications and manufacturing. | | | Y |
| Pests of Crops and Stored Grain and their Management | CSG- 503 | B.Sc. Agriculture | Distribution and biology of agricultural insectpest. | | | Y |
| Diseases of Field and Horticultural Crops and their Management –I | DFHM- 504 | B.Sc. Agriculture | Knowledge of field crops diseases of Rice, Maize, Sorghum, Bajra, and Ground nut. | | Y | |
| Crop Improvement-I (Kharif Crops) | CIK- 505 | B.Sc. Agriculture | Learnings of climate resilient crop varieties considering global warming. | Y | | |
| Entrepreneurship Development and Business Communication | EDB- 506 | B.Sc. Agriculture | After completing this course, the students will develop excellent verbal and non-verbal communication skills, and will behaving an effective personality full of confidence to face the challenges of life | Y | | |
| Geoinformatics and Nano-technology and Precision Farming | GNP- 507 | B.Sc. Agriculture | To knowledge the basic elements of crop production and their role in agricultural economy. | Y | | |
| Practical Crop Production- I (Kharif Crops) | PCP- 508 | B.Sc. Agriculture | To import knowledge on Eugenics and animals' roles in agriculture. | Y | | |
| Intellectual Property Rights | IPR- 509 | B.Sc. Agriculture | Clear understanding of breeders, researcher and farmers rights. | | | Y |
| Biopesticides & Biofertilizers | BBF- 510 | B.Sc. Agriculture | Gained knowledge about fertilizers classifications and manufacturing. | | | Y |
| Rain fed Agriculture & Watershed Management | RWM- 601 | B.Sc. Agriculture | Knowledge about mulching and its effects on soil moistures conservation. | Y | | |
| Protected Cultivation and Secondary Agriculture | PCA-602 | B.Sc. Agriculture | Understanding of drying and dehydration, air cleaner and grain dryer. | | | Y |
| Diseases of Field and Horticultural Crops and their Management-II | DHM- 603 | B.Sc. Agriculture | Knowledge of symptoms, disease cycles of horticulture crops. | | | Y |
| Post-harvest Management and Value Addition of Fruits and Vegetables | PHT-604 | B.Sc. Agriculture | The acquired knowledge about the value addition (fruit & vegetable preservation). | | Y | |
| Management of Beneficial Insects | MBI-605 | B.Sc. Agriculture | Knowledge of method and use soft he equipments for rearing and production of the honey, silk and lac. | | | Y |
| Crop Improvement-II (Rabi crops) | CIR-606 | B.Sc. Agriculture | Acquired knowledge about improvement of various crops. | | Y | |
| Practical Crop Production- II (Rabi Crops) | PCP-607 | B.Sc. Agriculture | To knowledge the field preparation, fertilizer application and sowing methods. | | | Y |

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| Principles of Organic Farming | POF-608 | B.Sc. Agriculture | To study about processing, leveling, economic considerations and viability, marketing and export potential of organic products. | | | Y |
| Farm Management, Production & Resource Economics | FRE-609 | B.Sc. Agriculture | Knowledge of farm inventory and factor-product relationship. | | | Y |
| Principles of Food Science and Nutrition | FSN-610 | B.Sc. Agriculture | Knowledge the major chemical reactions that occur during food preparation and storage. | | | Y |
| Weed Management | WEM- 611 | B.Sc. Agriculture | Enterepreneureship | | | Y |
| Rural Agricultural Work Exerience and Agro-Industrial Attachment (Rawe and Aia) | WEM-701 | B.Sc. Agriculture | Knowledge of rural setting in relation to agriculture and allied activities. | | | Y |
| Course of Experiential Learning | WEM-702 | B.Sc. Agriculture | Professional skills and knowledge. | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Fundamentals of Yogic Science | DSCC 1 | MA in Yoga | Critical understanding of the Evolution of Yoga based on the classical texts | | Y | |
| Human Consciousness and Yogic Science | DSCC 2 | MA in Yoga | understand the altered states of consciousness. | | Y | |
| Practical | DSCC 3 | MA in Yoga | To equip the students with tools and techniques for handling socio political issues that affect them on individual / collective basis. | | Y | |
| Indian Ethics | DSEC 1 | MA in Yoga | Skill Development | | Y | |
| Fundamentals of Hatha Yoga | DSCC 4 | MA in Yoga | Conceptual and practical understanding of Pranayama with its benefits and contra-indications. | Y | | |
| Science, Society and Yogic Science | DSCC 5 | MA in Yoga | Help to build up a complete personality with physical health, mental well-being. | | | |
| Practical | DSCC 6 | MA in Yoga | This course is designed to make students philosophically competent about their own decisions, to achieve clarity, develop comprehension skills and reach precision in arguments with reasons. | | Y | |
| Applied Ethics | DSEC-2 | MA in Yoga | Employability | Y | | |
| Anatomy, Physiology and Health | DSCC 7 | MA in Yoga | Know the effect of yogic techniques on different systems in the human body. | Y | | |
| Yoga Psychology | DSCC 8 | MA in Yoga | learn the management of common mental disorders. | | | Y |
| Practical | DSCC 9 | MA in Yoga | Skill Development | | Y | |
| Modern Indian Thought | DSEC-3 | MA in Yoga | Skill Development | | Y | |

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| Yoga in Ancient Literature | DSCC 10 | MA in Yoga | learn the yogic management of life style to attain perfection in life. | | | |
| Research Methodology in Yogic Science | DSCC 11 | MA in Yoga | Understand the scientific methods of Observations and Experiments. | | Y | |
| Practical | DSCC 12 | MA in Yoga | Skill Development | | Y | |
| Philosophy of Religion | DSEC-4 | MA in Yoga | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Tribal Studies : Basic Concepts | DTS-01 | PG Diploma in Tribal Studies | Skill Development | | Y | |
| Research Methods | DTS-02 | PG Diploma in Tribal Studies | Skill Development | | Y | |
| Major Problems of Indian Tribes | DTS-03 | PG Diploma in Tribal Studies | Skill Development | | Y | |
| Tribal Welfare & development | DTS-04 | PG Diploma in Tribal Studies | Skill Development | Y | | |
| Dissertation & Viva – Voce | DTS-05 | PG Diploma in Tribal Studies | Skill Development | Y | | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Human Anatomy -I | VMLT-101 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Human Physiology -I | VMLT-102 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Medical Laboratory Technician (NSQF-4) | VMLT-103 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Human Anatomy-I | VMLT-104 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Human Physiology -I | VMLT-105 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Medical Laboratory Technician (NSQF-4) | VMLT-106 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Biochemistry-I | VMLT-107 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |

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|---------------------------------|----------|---|-------------------|---|---|---|
| Practical : Biochemistry-I | VMLT-108 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Comprehensive Viva Voce (CVV) | VMLT-109 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Skill Development Module- 1 | PD-101 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Human Anatomy -II | VMLT-201 | B.Voc. in Medical Laboratory Technology | Entrepreneurship | | | Y |
| Human Physiology -II | VMLT-202 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Biochemistry-II | VMLT-203 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Practical: Human Anatomy-II | VMLT-204 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Human Physiology -II | VMLT-205 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Practical : Biochemistry-II | VMLT-206 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Bio Medical Waste Management | VMLT-207 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Comprehensive Viva Voce (CVV) | VMLT-208 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Skill Development Module- II | ED-102 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Pathology -I | VMLT-301 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Clinical Haematology-I | VMLT-302 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |

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|---|----------|---|-------------------|---|---|---|
| Microbiology -I | VMLT-303 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Immunology & Serology -I | VMLT-304 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Prectical: Clinical Haematology-I | VMLT-305 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Prectical: Microbiology, Immunology-I | VMLT-306 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Histopathology & Histotechnique -I | VMLT-307 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Prectical:Histopathology & Histotechnique -I | VMLT-308 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Skill Development Module- III | SDC-103 | B.Voc. in Medical Laboratory Technology | Entrepreneurship | | | Y |
| Comprehensive Viva Voce (CVV) | VMLT-309 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Pathology -II | VMLT-401 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Clinical Haematology -II | VMLT-402 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Microbiology -II | VMLT-403 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Immunology & Serology -II | VMLT-404 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Practical: Clinical Haematology - II | VMLT-405 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Practical: Microbiology Immunology & Serology -II | VMLT-406 | B.Voc. in Medical Laboratory Technology | Employability | | | Y |

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| Histopathology & Histotechnique -II | VMLT-407 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Practical: Histopathology & Histotechnique -II | VMLT-408 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Skill Development Module- VI | SDC-104 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Immunology & Blood Banking | VMLT-501 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Clinical Enzymology & Automation | VMLT-502 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Parasitology & Virology | VMLT-503 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Diagnostic Cytology | VMLT-504 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Clinical Enzymology | VMLT-505 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Parasitology & Virology | VMLT-506 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Diagnostic Cytology | VMLT-507 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Principles of Lab Management & Medical Ethics | VMLT-508 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Skill Development Module- V | SDC-105 | B.Voc. in Medical Laboratory Technology | Employability | Y | | Y |
| Comprehensive Viva Voce (CVV) | VMLT-509 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Clinical Endocrinology & Toxicology | VMLT-601 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |

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| Advanced Diagnostic | VMLT-602 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Clinical Endocrinology & Toxicology | VMLT-603 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Practical: Advanced Diagnostic | VMLT-604 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Internship (Training) | VMLT-605 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Major Project | VMLT-606 | B.Voc. in Medical Laboratory Technology | Employability | Y | | |
| Diagnostic Molecular Biology | VMLT-607 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Practical: Diagnostic Molecular Biology | VMLT-608 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Skill Development Module- VI | SDC-106 | B.Voc. in Medical Laboratory Technology | Skill Development | | Y | |
| Name of the Course | Course Code | Program | Activities/Content with direct bearing on Employability/Entrepreneurship/ Skill development | Employability | Skill Development | Entrepreneurship |
| Basic Surveying | VBC-101 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Applied Mechanics & Mathematics | VBC-102 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Mason Concrete (NSQF Level-4) | VBC-103 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Practical : Basic Surveying | VBC-104 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Practical: Applied Mechanics & Mathematics | VBC-105 | B.Voc. in Building Construction Technology | Skill Development | | Y | |

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| Practical: Mason Concrete (NSQF Level-4) | VBC-106 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Engineering Drawing / Graphics | VBC-107 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Skill Development Module-I | SDC-101 | B.Voc. in Building Construction Technology | Entrepreneurship | | | Y |
| Building Construction | VBC- 201 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Material Technology | VBC- 202 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Foreman Concrete (NSQF Level-5) | VBC- 203 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Practical :Building Construction | VBC- 204 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Practical :Material Technology | VBC- 205 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Practical :Foreman Concrete (NSQF Level-5) | VBC- 206 | B.Voc. in Building Construction Technology | Entrepreneurship | | | Y |
| Building Design & Drawing | VBC- 207 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Skill Development Module-II | SDC-102 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Soil & Fluid Mechanics | VBC- 301 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Surveyor (NSQF Level-6) | VBC- 302 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Auto Cadd | VBC- 303 | B.Voc. in Building Construction Technology | Skill Development | | Y | |

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|------------------------------------|----------|--|-------------------|---|---|---|
| Practical :Soil & Fluid Mechanics | VBC- 304 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Practical :Surveyor (NSQF Level-6) | VBC- 305 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Mechanics of Structures | VBC- 306 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Skill Development Module-III | SDC-103 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Concrete Technology | VBC- 401 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Q.S.C.-I | VBC- 402 | B.Voc. in Building Construction Technology | Entrepreneurship | | | Y |
| Minor Training | VBC- 403 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Practical- Concrete Technology | VBC- 404 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Practical- Q.S.C.-I | VBC- 405 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Basic Civil Engineering | VBC- 406 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Skill Development Module-IV | SDC-104 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Advance Building Construction | VBC-501 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Structural Design - I (R.C.C.) | VBC-502 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Minor Project | VBC-503 | B.Voc. in Building Construction Technology | Skill Development | | Y | |

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|---|---------|--|-------------------|---|---|---|
| Practical- Advance Building Construction | VBC-504 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Practical- Structural Design - I (R.C.C.) | VBC-505 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Q.S.C.-II | VBC-506 | B.Voc. in Building Construction Technology | Entrepreneurship | | | Y |
| Skill Development Module-V | SDC-105 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Comprehensive Viva Voce (CVV) | VBC-507 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Structural Design - II (Steel) | VBC-601 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Major Training | VBC-602 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Major Project | VBC-603 | B.Voc. in Building Construction Technology | Entrepreneurship | | | Y |
| Practical- Structural Design - II (Steel) | VBC-604 | B.Voc. in Building Construction Technology | Skill Development | | Y | |
| Structural Analysis | VBC-605 | B.Voc. in Building Construction Technology | Employability | Y | | |
| Skill Development Module-VI | SDC-106 | B.Voc. in Building Construction Technology | Skill Development | | Y | |