



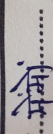
VILL – PANARI, DIST. LALITPUR (U.P.)

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2021-22

2.6.1 Course Outcomes

Total 36 Courses are running in P.G.P.M. there Courses Outcomes are Follow

1. **Program- Bachelor of Arts (BA):** The BA Program is a popular undergraduate degree that provides students with a comprehensive understanding of various disciplines such as Hindi, English, sociology, history, Political Science, economics, Education subject are available in P.G.P.M. college.

Course:

Hindi: To give information about the poetry of the representative poets of Hindi Kavita and to inform the students about the development of Hindi poetry by giving information about the history of Hindi Kavita.

English: Understand Indian English Writing as a new form of Indian culture and voice in which India converses regularly. They will be able to understand contributions of various authors in the growth of Indian English Writing.

Sociology: This paper will introduce students to new concepts of Sociology discipline. These concepts will enhance the conceptual learning and understanding of the basic concepts used in Sociology. This paper will contribute in enriching the vocabulary and scientific temperament of the students. The course is designed to incorporate all the key concepts of sociology which would enable the learner to develop keen insights to distinguish between the commonsense knowledge and Sociological knowledge.

History: The present course will be useful in providing historical knowledge to the students. It has been constructed in such a way that a student will not only gain knowledge of ancient civilizations of India, but historical development can be understood easily. Students will be familiar with the political and cultural development of ancient India. The art, culture and philosophy of religion of ancient India have been included in the syllabus. Through this paper a student will get acquainted with historical facts, acquire knowledge of ancient pride of India and develop a positive attitude towards history. This approach will motivate the students to contribute towards nation building by making them aware of the social culture of India. This course will develop the logical ability of

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students to do a rational analysis of historical events and develop students' research aptitude. The course presented will inspire the ability of knowledge generation in the students. This section studies the political situation in North India. Students can gain knowledge of how political decentralization arose in North India after death of Harsha and which historical circumstances proved helpful in the origin of Rajputs. It also includes the history of the dynasties of Kashmir, Punjab and Sindh. This section gives a historical account of new political conditions and conflicts in India after 1000 AD. Students can gain historical knowledge of political and strategic weakness of India through political conflicts. In this paper, a student will get knowledge of the nature of Muslim attacks and the struggle of Rajputs.

Political Science: Acquaintance to Indian National Movement & Constitution is indispensable for a student to make a sense of Indian Political System. The course is designed to provide an overview of Indian freedom Struggle and key concepts of the Indian constitution to the student, which would evolve him into a conscientious citizen.

Economics: Students are able to explain national income, comprehend calculation methods of national income, and concepts related to national income. Students are able to comprehend classical theory of employment and the Keynesian approach. Students are able to comprehend the concept of multiplier and its working. Students are able to understand the relationship between inflation and employment. Students are able to relate factors determining national income such as consumption, saving and investment. Students are able to analyze different phases of trade cycle, demonstrate various trade cycle theories, understand the impact of cyclical fluctuation on the growth of business, and lay policies to control trade cycle.

Education: On completion of this course, learners will be able to:

- To understand the meaning, nature, scope and aims of education.
- To explain the factors of education and their interrelationship.
- To become aware of different agencies of education that influence education.
- To be acquainted with the Constitutional values and Educational provisions.
- Distinguish between different levels of the Education System.
- Explain the present status of different levels of Education.
- Identify the level of Education and concern governing/regulatory bodies.
- Differentiate the needs and importance of different levels of Education.



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2. **Bachelor of Science (B.Sc.):** The B.Sc. program is an undergraduate degree that offers students a deep understanding of scientific principles and practices across various fields such as zoology, botany, chemistry, physics, and mathematics.

Course:

Physics:

1. Recognize the difference between scalars, vectors, pseudo-scalars and pseudo-vectors.
2. Understand the physical interpretation of gradient, divergence and curl.
3. Comprehend the difference and connection between Cartesian, spherical and cylindrical coordinate systems.
4. Know the meaning of 4-vectors, Kronecker delta and Epsilon (Levi Civita) tensors.
5. Study the origin of pseudo forces in rotating frame.
6. Study the response of the classical systems to external forces and their elastic deformation.
7. Understand the dynamics of planetary motion and the working of Global Positioning System (GPS).
8. Comprehend the different features of Simple Harmonic Motion (SHM) and wave propagation.

Chemistry: There is nothing more fundamental to chemistry than the chemical bond. Chemical bonding is the language of logic for chemists. Chemical bonding enables scientists to take the 100-plus elements of the periodic table and combine them in myriad ways to form chemical compounds and materials. Periodic trends, arising from the arrangement of the periodic table, provide chemists with an invaluable tool to quickly predict an element's properties. These trends exist because of the similar atomic structure of the elements within their respective group families or periods, and because of the periodic nature of the elements. Reaction mechanism gives the fundamental knowledge of carrying out an organic reaction in a step-by-step manner. This course will provide a broad foundation in chemistry that stresses scientific reasoning and analytical problem solving with a molecular perspective. Students will gain an understanding of

1. Molecular geometries, physical and chemical properties of the molecules.
2. Current bonding models for simple inorganic and organic molecules in order to predict structures and important bonding parameters.
3. The chapter Recapitulation of basics of organic chemistry gives the most primary and utmost important knowledge and concepts of organic Chemistry.

4. This course gives a broader theoretical picture in multiple stages in an overall chemical reaction. It describes reactive intermediates, transition states and states of all the bonds broken and formed. It enables to understand the reactants, catalyst, stereochemistry and major and minor products of any organic reaction.

5. It describes the types of reactions and the Kinetic and thermodynamic aspects one should know for carrying out any reaction and the ways how the reaction mechanism can be determined.

6. The chapters Stereochemistry gives the clear picture of two-dimensional and three-dimensional structure of the molecules, and their role in reaction mechanism.

Botany: After the completion of the course the students will be able to:

1. Develop understanding about the classification and diversity of different microbes including viruses, Algae, Fungi & Lichens & their economic importance.
2. Develop conceptual skill about identifying microbes, pathogens, biofertilizers & lichens.
3. Gain knowledge about developing commercial enterprise of microbial products.
4. Learn host-pathogen relationship and disease management.
5. Learn Presentation skills (oral & writing) in life sciences by usage of computer & multimedia.
6. Gain Knowledge about uses of microbes in various fields.
7. Understand the structure and reproduction of certain selected bacteria algae, fungi and lichens
8. Gain Knowledge about the economic values of this lower group of plant community.

Zoology: The student at the completion of the course will be able to:

1. Understand the structure and function of all the cell organelles.
2. Know about the chromatin structure and its location.
3. To be familiar with the basic principle of life, how a cell divides leading to the growth of an organism and also reproduces to form new organisms.
4. How one cell communicates with its neighboring cells?
5. Understand the basic principles of genetics and how genes (earlier called factors) are inherited from one generation to another.
6. Understand the Mendel's laws and the deviations from conventional patterns of inheritance.



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7. Comprehend how environment plays an important role by interacting with genetic factors.
8. How to detect chromosomal aberrations in humans and study the pattern of inheritance by pedigree analysis in families.

Mathematics:

- 1: The program outcome is to give foundation knowledge for the students to understand basics of mathematics including applied aspect for developing enhanced quantitative skills and pursuing higher mathematics and research as well.
- 2: By the time students complete the course they will have wide ranging application of the subject and have the knowledge of real valued functions such as sequence and series. They will also be able to know about convergence of sequence and series. Also, they have knowledge about curvature, envelope and evolutes and trace curve in polar, Cartesian as well as parametric curves.
- 3: The main objective of the course is to equip the student with necessary analytic and technical skills. By applying the principles of integral he learns to solve a variety of practical problems in science and engineering.
- 4: The student is equipped with standard concepts and tools at an intermediate to advance level that will serve him well towards taking more advance level course in mathematics.
3. **Bachelor of Commerce (B.Com):** The B.Com program is an undergraduate degree that focuses on accounting, finance, and business management. The outcome of the program is that it prepares students for careers in finance, banking, accounting, marketing, and other business-related fields.

Courses:

Business Organization: After completing this course a student will have:

1. Ability to understand the concept of Business Organization along with the basic laws and norms of Business Organization.
2. Ability to understand the terminologies associated with the field of Business Organization along with their relevance.
3. Ability to identify the appropriate types and functioning of Business Organization for solving different problems.
4. Ability to apply basic Business Organization principles to solve business and industry related problems.


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5. Ability to understand the concept of Sole Proprietorship, Partnership and Joint Stock Company etc.

Business Management: After completing this course a student will have:

1. Ability to understand the concept of Business Management along with the basic laws and norms of Business Management.
2. Ability to understand the terminologies associated with the field of Business Management and control along with their relevance.
3. Ability to identify the appropriate method and techniques of Business Management for solving different problems.
4. Ability to apply basic Business Management principles to solve business and industry related problems.

Inventory Management: After completing this course a student will have:

1. Ability to understand the concept of Inventory Management along with the basic laws and axioms of Inventory Management.
2. Ability to understand the terminologies associated with the field of Inventory management and control along with their relevance.
3. Ability to identify the appropriate method and techniques of Inventory management for solving different problems.
4. Ability to apply basic Inventory management principles to solve business and industry related problems. Ability to understand the concept of Working Capital Management, Demand Analysis and Obsolescence.

Digital Marketing: After completing this course a student will have:

1. Ability to understand the concept of Digital Marketing along with the basic forms and norms of Digital Marketing.
2. Ability to understand the terminologies associated with the field of Digital Marketing and control along with their relevance.
3. Ability to identify the appropriate method and techniques of Digital Marketing for solving different problems.



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4. Ability to apply basic Digital Marketing principles to solve business and industry related issues and problems.

5. Ability to understand the concept of Budgetary Control, Cash Flow Statement, Fund Flow Statement, Break Even Analysis etc.

Company Law: The objective of this course is to provide basic knowledge of the provisions of the Companies Act 2013 along with relevant cases.

Auditing: This course aims at imparting knowledge about the principles and methods of auditing and their application.

Business Statics: The purpose of this paper is to inculcate and analytical ability among the students.

Cost Accounting: This course exposes the students to the basic concepts and the tools used in cost accounting.

B.Ed.

4. A **Bachelor of Education (B.Ed.)** program is an undergraduate degree program that is designed to prepare students for a career in teaching. The program typically takes four years to complete and provides students with the knowledge and skills necessary to teach in a variety of settings, including elementary, middle, and secondary schools.

B.Ed. Courses vary in their structure and content, but common elements may include:

General education courses: B.Ed. courses often include general education courses in subjects such as English, mathematics, science, and social studies. These courses provide students with a broad knowledge base that they can draw upon when teaching their own subjects.

Education courses: B.Ed. courses typically include a range of education courses that cover topics such as educational psychology, teaching methods, classroom management, assessment and evaluation, and curriculum development.

Field experiences: B.Ed. students typically participate in field experiences, such as student teaching or practicum placements, in which they work in real classrooms under the guidance of experienced teachers. These experiences provide students with the opportunity to apply their knowledge and skills in a real-world setting.

Specializations: Some B.Ed. courses offer specializations in specific subject areas or grade levels, such as early childhood education, mathematics education, or secondary education.

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Licensure: Upon successful completion of a B.Ed. courses and any required licensure exams, graduates may be eligible to obtain a teaching license or certificate, depending on the requirements in their state or province.

Overall, a B.Ed. courses provides students with a comprehensive education in both their subject area and the art and science of teaching, preparing them for a fulfilling and rewarding career in education.

5. **Master of Arts (MA):** The MA program is a postgraduate degree that provides students with advanced knowledge and skills in a specific discipline such as, sociology, Hindi, education subject in 2019-22 session. Outcome of program is that it prepares students for careers in teaching research journalism and other related field- additionally it equips students with advanced, critical thinking, communication skill and making them well suited for advanced study in doctoral program.

M.A. Sociology: This paper will introduce students to new concepts of Sociology discipline. These concepts will enhance the conceptual learning and understanding of the basic concepts used in Sociology. This paper will contribute in enriching the vocabulary and scientific temperament of the students. The course is designed to incorporate all the key concepts of sociology which would enable the learner to develop keen insights to distinguish between the commonsense knowledge and Sociological knowledge.

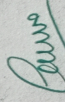
Benefits of M.A. Sociology: Sociology is an excellent choice for your postgraduate studies since it extends to a wide range of career prospects. After completing your M.A. in Sociology, you can become a Teacher, Counselor, or Consultant in research institutes, educational institutions, public health and welfare organizations, criminal justice branches, law firms, international welfare organizations, and medical centers

M.A. Hindi: To give information about the poetry of the representative poets of Hindi Kavita and to inform the students about the development of Hindi poetry by giving information about the history of Hindi Kavita.

Benefits of M.A. Hindi: Hindi is an excellent choice for your postgraduate studies since it extends to a wide range of career prospects. After completing your M.A. in Hindi, you can become a Teacher, Counselor, or Consultant in research institutes, educational institutions, public health and welfare organizations, criminal justice branches, law firms, international welfare organizations, and medical centers

M.A. Education: On completion of this course, learners will be able to:

- To understand the meaning, nature, scope and aims of education.



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- To explain the factors of education and their interrelationship.
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Benefits of M.A. Education: A master's degree in education opens up new doors and opportunities for your career and affords greater flexibility in work. Beyond the classroom, there are various opportunities such as leadership role (mentor, principal, or a curriculum trainer), or special instruction (special needs programs), and for curriculum and program development. Stronger education background is definitely a plus point.

6. **Master of Science (M.Sc.):** The M.Sc. program is a postgraduate degree that offers students advanced knowledge and skills in scientific principles and practices across various fields such as zoology, chemistry subject are of the program is that it prepares students for careers in research, healthcare, technology, and other and medical areas. Additionally, it equips students with strong analytical, research, and problem-solving skills, making them well-suited for advanced study in doctoral and professional programs.

M.Sc. Zoology: The student at the completion of the course will be able to:

1. Understand the structure and function of all the cell organelles.
2. Know about the chromatin structure and its location.
3. To be familiar with the basic principle of life, how a cell divides leading to the growth of an organism and also reproduces to form new organisms.
4. How one cell communicates with its neighboring cells?
5. Understand the basic principles of genetics and how genes (earlier called factors) are inherited from one generation to another.
6. Understand the Mendel's laws and the deviations from conventional patterns of inheritance.
7. Comprehend how environment plays an important role by interacting with genetic factors.
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Benefits: Candidates after completing the course to become a Zoologist can find job in various sectors that include Forest Department, Marine Industry, Research and Development sectors, Education or Veterinary sectors.

M.Sc. Chemistry: There is nothing more fundamental to chemistry than the chemical bond. Chemical bonding is the language of logic for chemists. Chemical bonding enables scientists to take the 100-plus elements of the periodic table and combine them in myriad ways to form chemical compounds and materials. Periodic trends, arising from the arrangement of the periodic table, provide chemists with an invaluable tool to quickly predict an element's properties. These trends exist because of the similar atomic structure of the elements within their respective group families or periods, and because of the periodic nature of the elements. Reaction mechanism gives the fundamental knowledge of carrying out an organic reaction in a step-by-step manner. This course will provide a broad foundation in chemistry that stresses scientific reasoning and analytical problem solving with a molecular perspective. Students will gain an understanding of

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5. It describes the types of reactions and the Kinetic and thermodynamic aspects one should know for carrying out any reaction and the ways how the reaction mechanism can be determined.
6. The chapters Stereochemistry gives the clear picture of two-dimensional and three-dimensional structure of the molecules, and their role in reaction mechanism.

Benefits: M.Sc. Chemistry offers huge scope to candidates who have pursued a degree in MSc Chemistry. They can opt for a teaching job as a professor or a teacher. They can also work in Pharmaceutical Companies, Laboratories, Research Centers, Medical Colleges, private clinics, etc.

7. **Master of Commerce (M.Com):** The M.Com program is a postgraduate degree that provides students with advanced knowledge and skills in accounting, finance, and business management. The outcome of the program is that it prepares students for careers in finance, banking, accounting, and other business-related fields. Additionally, it equips students with

advanced analytical and quantitative skills, making them well-suited for doctoral and professional study in business and related fields.

Others extension Policy (NEP) 2020 is a comprehensive reform Courses aimed at transforming the education system in India. The NEP 2020 covers various aspects of education, including curriculum, pedagogy, assessment, teacher training, and more. Here is a summary report of NEP 2020 program in our college:

Holistic and Multidisciplinary Education: The NEP 2020 promotes a holistic and multidisciplinary approach to education in our college. It emphasizes the integration of various disciplines and provides students with a well-rounded education that prepares them for various career paths.

Flexible Curriculum and Choice-based Credit System: The NEP 2020 encourages a flexible curriculum and a choice-based credit system that allows students to choose courses based on their interests and career aspirations. It also emphasizes the importance of experiential learning and offers students opportunities to gain practical experience through internships, fieldwork, and other activities.

Multilingualism and Cultural Awareness: The NEP 2020 emphasizes the importance of multilingualism and cultural awareness in education. It promotes the use of regional languages as a medium of instruction and encourages students to learn multiple languages to promote cultural exchange and understanding.

Technology-enabled Learning: The NEP 2020 recognizes the importance of technology in education and encourages the use of technology-enabled learning tools and resources in our college. It also promotes the development of digital infrastructure and provides opportunities for students to develop their digital literacy and skills.

Professional Development of Teachers: The NEP 2020 emphasizes the professional development of teachers and provides various opportunities for teacher training and up skilling. It encourages the adoption of innovative teaching methods and pedagogies to enhance the quality of education in our college.

Overall, the NEP 2020 Courses aims to transform the education system in India and provide students with a high-quality and relevant education that prepares them for the future

Outcome report of P.G.P.M.college Courses

Academic Knowledge and Skills: our college Courses provide students with a strong foundation in academic knowledge and skills related to their chosen field of study. Students develop a deep understanding of theoretical concepts, research methods, and practical applications of their subject, preparing them for various career paths.

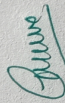
Communication and Interpersonal Skills: our college Courses also equip students with excellent communication and interpersonal skills. Through various classroom activities, group projects, and presentations, students learn how to articulate their ideas, collaborate with others, and express themselves effectively in different settings.

Critical Thinking and Problem-Solving Skills: our Degree college Courses also foster critical thinking and problem-solving skills among students. They learn how to analyze complex information, identify patterns and connections, and develop innovative solutions to real-world problems.

Career and Professional Development: our Degree college Courses provide students with opportunities to develop their career and professional skills. Many programs offer internships, fieldwork, and other experiential learning opportunities that help students gain practical experience and make valuable connections in their field.

Personal Development: our Degree college Courses also support students' personal development by fostering self-awareness, confidence, and resilience. Students learn how to navigate challenges, set goals, and develop a strong sense of identity and purpose.

Overall, our degree college Courses provide students with a well-rounded education that prepares them for various career paths and personal growth.


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