

**MVP'S K. K. Wagh Arts, Science & Commerce College,  
Pimpalgaon Baswant**

**PROGRAMME OUTCOME- B.Com.**

1. The program aims to cultivate in students virtues of commerce professionals to effectively contribute to the needs of the society with commitment and integrity.
2. Have fundamental knowledge of Accountancy, Auditing, Taxation, Finance, and provide innovative solutions to problems in business.
3. Develop a thorough understanding of Accounts and Finance, Law, Management functions of an organization.
4. Develop leadership qualities.
5. Collate and integrate business systems.
6. To encourage the students to undertake higher studies and research in commerce and allied disciplines.
7. Be able to communicate their ideas with industry efficiently and effectively.
8. Develop the ability to work at individual level as well as at team level.
9. Be able to integrate latest technology and apply it.
10. Have skills to develop business models and be responsible global citizens who exhibit cross cultural competent behavior, and ethical values.
11. Become proficient in using information technology and accounting tools in decision-making.

## **PROGRAM OUTCOME- B.Sc.**

1. Apply their broad knowledge of science across a range of fields, with in-depth knowledge in at least one area of study, while demonstrating an understanding of the local and global contexts.
2. Articulate the methods of science and explain why current scientific knowledge is both contestable and testable by further inquiry;
3. Apply appropriate methods of research, investigation and design, to solve problems in science, mathematics, technology, biology, including the planning and/or conduct of a significant project, problem or investigation;
4. Recognize the need for information; effectively search for, evaluate, manage and apply that information in support of scientific investigation or scholarly debate;
5. Employ highly developed conceptual, analytical, quantitative and technical skills and are adept with a range of technologies;
6. Articulate the relationship between different science communities of practice, the international scope of science, mathematics etc. the contributions to their development that have been made by people with diverse perspectives, cultures and backgrounds;
7. Evaluate the role of science in addressing current issues facing local and global communities, for example climate change, health and disease, food security, sustainable energy use;
8. Communicate clearly and convincingly about science and technology ideas, practice etc..

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## **PROGRAM OUTCOME- B.A.**

1. Demonstrate a detailed knowledge and understanding of selected fields of study in core disciplines in the humanities, social sciences and languages;
2. Demonstrate a general understanding of the concepts and principles of selected areas of study outside core disciplines of the humanities, social sciences and languages;
3. Apply an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories and methodologies that are applied with intellectual honesty and a respect for ethical values;
4. Articulate the relationship between diverse forms of knowledge and the social, historical, linguistic and cultural contexts that produced them;
5. Communicate effectively and, in the case of those students undertaking a language major, read, write, listen to and speak another language with fluency and appreciate its cultural context;
6. Work with independence, self-reflection and creativity to meet goals and challenges in the workplace and personal life.

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## **PROGRAM OUTCOME B. Sc. Computer Science**

B. Sc. Computer Science is a systematically designed three year course that prepares the student for a career in Software Industry. The syllabus of Computer Science subject along with that of the three allied subjects (Mathematics, Electronics and Statistics) forms the required basics for pursuing higher studies in Computer Science. The Syllabus also develops requisite professional skills and problem solving abilities for pursuing a career in Software Industry.

### **Objectives:**

1. To develop problem solving abilities using a computer
2. To build the necessary skill set and analytical abilities for developing computer based solutions for real life problems.
3. To imbibe quality software development practices.
4. To create awareness about process and product standards
5. To train students in professional skills related to Software Industry.
6. To prepare necessary knowledge base for research and development in Computer Science
7. To help students build-up a successful career in Computer Science

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### **Programme Outcome M.Com**

1. The programme aims to cultivate in students virtues of commerce professionals to effectively contribute to the needs of the society with commitment and integrity.
2. Have fundamental knowledge of Management Accounting, Business Finance and provide innovative solutions to problems in businesses
3. Develop a thorough understanding of Management Accounting and Strategic Management functions of an organization
4. Develop leadership qualities
5. Collate and integrate business systems
6. To encourage the students to undertake higher studies and research in commerce and allied disciplines
7. Be able to communicate their ideas with various industries efficiently and effectively
8. Develop the ability to work at individual level as well as at team level
9. Be able to integrate latest technology and apply it
10. Have skills to develop business modules and be responsible global citizens who exhibit cross cultural competent behavior, an ethical values
11. Become proficient in using information technology and accounting tools in decision making.

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## **Programme Outcome M. Sc. Physics**

1. Understanding the basic concepts of physics particularly concepts in classical mechanics, quantum mechanics, statistical mechanics and electricity and magnetism to appreciate how diverse phenomena observed in nature follow from a small set of fundamental laws through logical and mathematical reasoning.
2. Learn to carry out experiments in basic as well as certain advanced areas of physics such as nuclear physics, condensed matter physics, nanoscience, lasers and electronics.
3. Understand the basic concepts of certain sub fields such as nuclear and high energy physics, atomic and molecular physics, solid state physics, plasma physics, astrophysics, general theory of relativity, nonlinear dynamics and complex system.
4. Gain hands on experience to work in applied fields.
5. Gain a through grounding in the subject to be able to teach it at college as well as school level.
6. Viewing physics as a training ground for the mind developing a critical attitude and the faculty of logical reasoning that can be applied to diverse fields.

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## **Programme Outcome M. Sc. Chemistry**

1. Gains complete knowledge about all fundamental aspects of all the elements of chemistry
2. Understands the background of organic reaction mechanisms, complex chemical structures, instrumental method of chemical analysis, molecular rearrangements and separation techniques.
3. Appreciates the importance of various elements present in the periodic table, coordination chemistry and structure of molecules, properties of compounds, structural determination of complexes using theories and instruments.
4. Gathers attention about the physical aspects of atomic structure, dual behavior, reaction pathways with respect to time, various energy transformations, molecular assembly in nanolevel, significance of electrochemistry, molecular segregation using their symmetry.
5. Learns about the potential uses of analytical industrial chemistry, medicinal chemistry and green chemistry.
6. Carry out experiments in the area of organic analysis, estimation, separation, derivative process, inorganic semi micro analysis, preparation, conductometric and potentiometric analysis.

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## **Programme Outcome M. A.**

1. The programme aims to nurture in students values and qualities to effectively contribute to the needs of the society.
2. Have fundamental knowledge of humanities, social science and linguistics.
3. Develop a thorough understanding of his subject and related discipline.
4. Develop leadership qualities
5. Collate and integrate social values and human rights.
6. To encourage the students to undertake higher studies and research in humanities and allied disciplines
7. Be able to communicate their ideas with various stakeholders efficiently and effectively
8. Develop the ability to work at individual level as well as at team level
9. Be able to integrate latest technology and apply it
10. Have skills to be responsible global citizens who exhibit cross cultural competent behaviour, an ethical values
11. Become proficient in using information technology for better expression of issues related to humanities.

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## **PROGRAM OUTCOME M.Sc. Computer Science**

It is believed that the proposed changes as part of the credit based system will bring a qualitative change in the way M.Sc. (Computer Science) is taught, which will offer a more enriched learning experience. It aims to provide technology-oriented students with the knowledge and ability to develop creative solutions, and better understand the effects of future developments of computer systems and technology on people and society.

The syllabus is about developing skills to learn new technology, grasping the concepts and issues behind its use and the use of computers.

### **Objectives:**

1. Permits effective use of compilers/linkers interpreters and language oriented tools.
2. Develop a greater understanding of the issues involved in programming language design and implementation
3. Develop an in-depth understanding of functional, logic, and object-oriented programming paradigms, to introduce several different paradigms of programming
4. To understand the principles and foundations of distributed databases. This addresses architecture, design issues, integrity control, query process
5. Prepare students in - Basic Algorithm Analysis techniques and understand the use of asymptotic notation - Understand different design strategies - Understand the use of data structures in improving algorithm performance.
6. To understand the DOTNET framework, C# language features and Web development using ASP.NET
7. To enable students to get sound understanding of Info-Sys-Security, Net Security Cryptography, to equip with knowledge and skills necessary to support for their career in Information Security.

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