



Vidya Vikas Education Society's  
**VIKAS COLLEGE OF ARTS, SCIENCE & COMMERCE**  
Affiliated to University of Mumbai  
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**PROGRAMME OUTCOMES**

Sr. No.	Programme	Outcomes
<b>Undergraduate Programmes</b>		
01	Bachelor of Arts (B.A.)	<ol style="list-style-type: none"><li>1. To overcome knowledge of the subject as prescribed by the University of Mumbai</li><li>2. To guarantee consistent improvement in the performance of students as compared to their at the entry level and encourage them for further studies</li><li>3. To instill skills like critical thinking, communication, initiative which potentially leads you long-term benefits such as higher rates of employment and educational fulfillment</li></ol>
02	Bachelor of Commerce (B.Com.)	<ol style="list-style-type: none"><li>1. To know the primary functions of the business and key business terms which shall offer conceptual clarity of the programme chosen for higher studies</li><li>2. To learn the entire process of setting up of a business unit as well as managing the business activity, covering strategic aspects of business management such as accountancy, economics, environment, documentation and record</li><li>3. To be able to enhance both soft and hard skills in order to meet the challenges of the vocation</li><li>4. To get an opportunity to study multidimensional aspects of business and commerce including advertising, business communication, costing, marketing research etc which impact the organic growth of business</li><li>5. To be able to identify and choose appropriate field for personal career growth at the end of six semesters</li><li>6. To be sufficiently equipped with the knowledge of contemporary trends in business and commerce in 21<sup>st</sup> century</li></ol>
03	Bachelor of Commerce (B.Com.) (Accounts & Finance)	<ol style="list-style-type: none"><li>1. To know the primary functions of the business and key business terms which shall offer conceptual clarity of the programme chosen for higher studies</li><li>2. To learn the entire process of setting up of a business unit as well as managing the business activity, covering strategic aspects of business management such as accountancy, economics, environment, documentation and record</li><li>3. To be able to enhance both soft and hard skills in order to meet the challenges of the vocation</li></ol>



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		<p>4. To get an opportunity to study multidimensional aspects of business and commerce including advertising, business communication, costing, marketing research etc which impact the organic growth of business</p> <p>5. To be able to identify and choose appropriate field for personal career growth at the end of six semesters</p> <p>6. To be sufficiently equipped with the knowledge of contemporary trends in business and commerce in 21<sup>st</sup> century</p>
04	Bachelor of Management Studies (BMS)	<p>1. To develop basic understanding of management education and practices that can be applied in present day global scenario.</p> <p>2. To gain knowledge and skills to exploit opportunities in management profession.</p> <p>3. To appreciate the interrelationships among functional areas of management.</p> <p>4. To understand the importance of multicultural, ethnic, ethical and gender issues in the organization</p> <p>5. To demonstrate professionalism, self-awareness, and effective communication skills.</p> <p>6. To exhibit leadership capacity and team work skills that enable them to work effectively in groups</p> <p>7. To develop comprehensive analytical and problem-solving skills.</p> <p>8. To have innovation skills and ability to take up entrepreneurship initiatives</p> <p>9. To understand the ethical implication of business decision making</p> <p>10. To apply their knowledge in the field of business management to contribute to nation building while upholding ethical practices.</p>
05	Bachelor of Science (B.Sc.) (General)	<p>1. To apply the concepts learned or real life situations.</p> <p>2. To employ critical thinking and the scientific method to design, implement, record and analyze results of different experiments.</p> <p>3. To implement solutions to problems encountered in industries and in everyday life.</p>



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		<ol style="list-style-type: none"><li>4. To bring about innovations so as to enhance the quality of lives.</li><li>5. To infuse in the learner a spirit of inquiry into the fundamental aspects of the various core areas of Chemistry.</li><li>6. To make the learner proficient in analyzing the various observations and chemical phenomena presented to him during the course.</li><li>7. To make the learner capable of solving problems in the various units of this course</li><li>8. To give the learner an opportunity to get hands on experience of the various concepts and processes in the various branches of chemistry</li><li>9. To impart various skills of handling chemicals, reagents, apparatus, instruments and the care and safety aspects involved in such handling</li><li>10. To make the learner capable of analyzing and interpreting results of the experiments he conducts or performs</li><li>11. To make the learner capable of acquiring or pursuing a source of livelihood like jobs in chemical industry</li><li>12. To arouse the interest to pursue higher levels of learning in chemistry</li></ol>
06	Bachelor of Science (B.Sc.) (Biotechnology)	<ol style="list-style-type: none"><li>1. To acquire knowledge on the fundamentals of Biotechnology for sound solid base which enables them to understand the emerging and advanced engineering concepts in life sciences</li><li>2. To acquire knowledge in domain of biotechnology enabling their applications in industry and research</li><li>3. To empower the students to acquire technological knowhow by connecting disciplinary and interdisciplinary aspects of biotechnology</li><li>4. To know about the contribution of microbiology scientists, types of microbes and branches of microbiology and anatomy of microbes</li><li>5. To get the information about cell &amp; its importance in biology</li><li>6. To take the methodological review of cultivation of microbes, pure culture, staining, sterilization &amp; disinfection</li></ol>



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07	Bachelor of Science (B.Sc.) (Computer Science)	<ol style="list-style-type: none"><li>1. To formulate, to model, to design solutions, procedure and to use software tools to solve real world problems.</li><li>2. To design and develop computer programs/computer –based systems in the areas such as networking, web design, security, cloud computing, IoT, data science and other emerging technologies.</li><li>3. To familiarize with the modern-day trends in industry and research based settings and thereby innovate novel solutions to existing problems.</li><li>4. To apply concepts, principles, and theories relating to computer science to new situations.</li><li>5. To use current techniques, skills, and tools necessary for computing practice</li><li>6. To apply standard Software Engineering practices and strategies in real-time software project development</li><li>7. To pursue higher studies of specialization and to take up technical employment.</li><li>8. To work independently or collaboratively as an effective member on substantial software project.</li><li>9. To communicate and present their work effectively and coherently.</li><li>10. To display ethical code of conduct in usage of Internet and Cyber systems.</li><li>11. To engage in independent and life-long Course in the background of rapidly changing IT industry.</li></ol>
08	Bachelor of Science (B.Sc.) (Information Technology)	<ol style="list-style-type: none"><li>1. To apply the knowledge of mathematics, science and computing in the core information technologies.</li><li>2. To identify, design, and analyze complex computer systems and implement and interpret the results from those systems.</li><li>3. To design, implement and evaluate a computer-based system, or process component, to meet the desired needs within the realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.</li><li>4. To review literature and indulge in research using research based knowledge and methods to design new experiments, analyze, and interpret data to draw valid conclusions.</li><li>5. To select and apply current techniques, skills, and tools necessary for computing practice and integrate IT-based solutions into the user environment effectively.</li></ol>



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		<p>6. To apply contextual knowledge to assess professional, legal, health, social and cultural issues during profession practice.</p> <p>7. To analyze the local and global impact of computing on individuals, organizations, and society.</p> <p>8. To apply ethical principles and responsibilities during professional practice.</p> <p>9. To function effectively as a team member or a leader to accomplish a common goal in a multidisciplinary team.</p> <p>10. To communicate effectively with a range of audiences using a range of modalities including written, oral and graphical.</p> <p>11. To apply the knowledge of engineering and management principles to manage projects effectively in diverse environments as a member or a leader in the team.</p> <p>12. To engage in independent and life-long learning for continued professional development</p>
09	Bachelor of Vocation (B.Voc.) (Media Production)	<p>1. To provide overall and in-depth knowledge about Media Production and mass communication to learners. It provides learners with an opportunity to critically explore the ways in which world of communication operate in international and national contexts.</p> <p>2. To introduce learners to practical experience and knowledge across the other all types of media. Learners learn the way content is generated and used in the multi-platforms and digitized environment of media industries, also trained about the new media techniques in order to understand the processes of production, distribution, marketing and consumption.</p> <p>3. To make learners to develop their own focused area of interest, work –related experiences can potentially lead to a broad spectrum of cultural, media based and artistic activities from inter-personal communication to newspaper, radio and television broadcasting to journalism, digital web production, E-content writing and public relation, corporate communication to advertising.</p> <p>4. To provides learners with the means to investigate and learn a range of working involving activities from creative production and creation to promotion, marketing and networking. The history, development and research in the media will be analyzed in various contexts. The social values and ethics are in the core of the program</p> <p>5. To provide comprehensive knowledge and skills so that learner can work in the field of Print, Electronic and Digital media as well as into academics.</p> <p>6. To train the learners in such a way so thatthey can acquire knowledge, skills and leadership quality</p>



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		to contribute in different trades and crafts of all forms of media, which is the primary and foremost goal of the course
10	Bachelor of Vocation (B.Voc.) (Medical Laboratory Technology)	<ol style="list-style-type: none"> <li>1. To educate the learners in the areas of Phlebotomy, Haematology, Blood Banking, Histology and Cytology, Biochemistry, Microbiology etc.</li> <li>2. To gain the knowledge through theory, practical's and through the professional trainings.</li> <li>3. To develop the good laboratory practice.</li> <li>4. To Develop communication skills and technical skills of learners to deal with the patient, clinical practitioners and other co-workers.</li> <li>5. To inculcate the ethical professionalism in the minds of learners</li> <li>6. To develop the critical thinking for the benefit of the society.</li> <li>7. To learn the skill based techniques which help in employment in the health Care sector- Hospitals, Pathology Labs, Blood Banks and Diagnostic Centers, Medicine, Industrial Research &amp; Development and Environment Conservation.</li> </ol>

<b>Post – Graduate Programmes</b>		
01	Master of Commerce (M.Com.) (Advance Accounting)	<ol style="list-style-type: none"> <li>1. To acquire knowledge and skills to face the challenges of the 21<sup>st</sup> Century</li> <li>2. To develop competency for making effective decisions</li> <li>3. To analyze accounting and financial records</li> <li>4. To evaluate important aspects based on accounting and costing in the field of accounting and finance in domestic and international market</li> <li>5. To understand the basic concepts used in financial reporting standards, various accounting standards involved in business transactions</li> <li>6. To develop advanced theoretical knowledge and research capabilities in their preparation for academic and research focused careers</li> </ol>



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02	Master of Commerce (M.Com.) (Business Management)	<ol style="list-style-type: none"><li>1. To acquire knowledge and skills to face the challenges of the 21<sup>st</sup> Century</li><li>2. To develop competency for making effective decisions</li><li>3. To analyze accounting and financial records</li><li>4. To evaluate important aspects based on accounting and costing in the field of accounting and finance in domestic and international market</li><li>5. To understand the basic concepts used in financial reporting standards, various accounting standards involved in business transactions</li><li>6. To develop advanced theoretical knowledge and research capabilities in their preparation for academic and research focused careers</li></ol>
03	Master of Science (M.Sc.) (Chemistry)	<ol style="list-style-type: none"><li>1. To gain knowledge of the advanced concepts in the branch of chemistry, scrutinize and accomplish a solution to problems encountered in the field of research and analysis.</li><li>2. To apply the basic knowledge of chemistry to perform various tasks assigned to them at the workplace in industry and academia to meet the global standards.</li><li>3. To deduce qualitative and quantitative information of chemical compounds using advanced spectroscopic methods which can further be analyzed using practical skills inculcated in them during the course.</li><li>4. To imbibe the attitude as well as aptitude of a scientific approach along with analytical reasoning with respect to the novel techniques actually implemented in the Industry.</li><li>5. To use the subject knowledge, communication and ICT skills to become an effective team leader/team member in the interdisciplinary fields.</li><li>6. To understand, Manage and contribute to solve basic societal issues and environmental concerns ethically based on principles of scientific knowledge gained.</li><li>7. To exhibit professional work ethics and norms of scientific development.</li></ol>



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04	Master of Science (M.Sc.) (Biotechnology)	<ol style="list-style-type: none"><li>1. To demonstrate knowledge for in-depth analytical and critical thinking to identify, formulate and solve the issues related to Biotechnology Industry, Pharmaceutical industry, Medical or Hospital related organizations, Regulatory Agencies and Academia</li><li>2. To develop an ability to solve, analyze and interpret data generated from experiments done in project work or practical courses</li><li>3. To demonstrate skills to use modern analytical tools/software/equipments and analyze and solve problems in various courses of biotechnology</li><li>4. To appreciate and execute their professional roles in society as biotechnology professionals, employers and employees in various industries, regulators, researchers, educators and managers</li><li>5. To adopt code of ethics in professional and social context and demonstrate exemplary professional, ethical and legal behaviors in decision making</li><li>6. To apply responsibilities to promote societal health and safety, upholding the trust given to the profession by the society</li><li>7. To develop skills, attitude and values required for self-directed, lifelong learning and professional development</li></ol>
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05	Master of Vocation (M.Voc.) (Medical Laboratory Technology)	<ol style="list-style-type: none"><li>1. To learn the knowledge, skills, and values that prepares students for future careers in our interconnected society or advanced study.</li><li>2. To give learner an improved sense of self-confidence and self- efficacy and an awareness of their responsibilities as professionals in their field.</li><li>3. To be able to comprehend the foundations, process, and practices, and demonstrate proficiency in Laboratory Technology.</li><li>4. To understand the role of Health care Professionals.</li><li>5. To apply knowledge and perform tests of Clinical Biochemistry, Human Anatomy and Medical Parasitological.</li><li>6. To apply knowledge and perform tests in Clinical Immunology, Clinical Pathology &amp; Hematology.</li><li>7. To understand the significance of Community Medicine.</li><li>8. To understand Risks and apply Preventive Measures and perform diagnosis of epidemics.</li><li>9. To gain the knowledge to work as a skilled Technician in Blood Banks.</li><li>10. To gain the knowledge and assist in Blood Transfusion Process.</li><li>11. To study and understand the field of Forensic Science and applications of it.</li><li>12. To learn Modern/Advanced Diagnostic Techniques.</li><li>13. To apply knowledge of Hospital &amp; laboratory Management.</li><li>14. To understand the process of Hospital &amp; Laboratory Accreditation and Certification Process.</li><li>15. To learn Methodology in Clinical Research.</li></ol>
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