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# PROGRAM/COURSE OUTCOME

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DAV COLLEGE, JALANDHAR

### Course Outcomes of Master in English

Course	Outcomes
<b>MA - English</b>	<p>CO 1- Students gain a deep understanding of British, American, and Indian literary traditions and literary theory &amp; criticism</p> <p>CO 2- Sensitizing students about topical issues of gender sensitivity, race, class, and ideology.</p> <p>CO 3- To instill confidence in students to face competitive exams</p> <p>CO 4- This course enables students to develop their language skills: listening, speaking, reading, and writing.</p> <p>CO 5- English Literature broadens their horizon and helps them develop a broad-minded attitude in life</p> <p>CO 6- The course enhances their ability to think creatively and critically</p> <p>CO 7- The course opens vast vistas of career opportunities for students in the fields such as career as lecturers, writer, content writer, journalist, sub editor or proof-readers with publishing houses and translators etc.</p>

### Course Outcomes of Master in Hindi

Course	Outcomes
<b>MA Hindi</b>	<p>CO 1- 'हिंदी अनुवादक' के लिए रोजगार की संभावनाएं</p> <p>CO 2- स्कूल-शिक्षण में रोजगार की संभावनाएं</p> <p>CO 3- पत्रकारिता में उप-संपादक, हिंदी टाइपिस्ट, हिंदी सहायक, मीडियाकर्मी के रूप में रोजगार की संभावनाएं</p> <p>CO 4- रेडियो-जॉकी, न्यूज़ रीडर, एनाउंसर आदि के तौर पर रोजगार की संभावनाएं</p> <p>CO 5- सिनेमा, समाचार पत्र-पत्रिकाओं के अंतर्गत 'क्रिएटिव राइटर' के रूप में रोजगार की संभावनाएं</p> <p>CO 6- दूरदर्शन, रेडियो और दूसरे इवेंट्स में कॉमेंटेटर, एंकर आदि के रूप में रोजगार की संभावनाएं</p> <p>CO 7- कॉलेज एवं विश्वविद्यालयीन अध्यापन के क्षेत्र में रोजगार की संभावनाएं</p> <p>CO 8- राजभाषा के क्षेत्र में हिंदी सहायक, राजभाषा अधिकारी आदि के रूप में रोजगार की संभावनाएं</p>

### Course Outcomes of Master in Punjabi

Course	Outcomes
<b>MA Punjabi</b>	<p>CO 1- - ਐੱਮ.ਏ ਪੰਜਾਬੀ ਕਰਨ ਵਾਲੇ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ, ਸਾਹਿਤ ਤੇ ਸਭਿਆਚਾਰ ਨਾਲ ਨੇੜਿਓਂ ਜੁੜਦੇ ਹਨ। ਐੱਮ.ਏ ਪੰਜਾਬੀ ਦੇ ਚਾਰ ਸਿੱਖਿਆ ਕਾਲਾਂ ਦੌਰਾਨ ਪੜ੍ਹਾਏ ਜਾਣ ਵਾਲੇ ਪਰਚੇ ਭਾਸ਼ਾ, ਸਾਹਿਤ, ਸਭਿਆਚਾਰ, ਲੋਕਯਾਨ, ਦਰਸ਼ਨ, ਧਰਮ, ਸਮਾਜ, ਸਿਰਜਣਾਤਮਿਕ ਅਤੇ ਆਲੋਚਨਾ ਨਾਲ ਜੁੜੇ ਹੋਣ ਕਾਰਨ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਗਿਆਨਾਤਮਿਕ ਖੇਤਰ ਨੂੰ ਵਿਸ਼ਾਲਤਾ</p>

ਪ੍ਰਦਾਨ ਕਰਦੇ ਹਨ। ਪੰਜਾਬ, ਪੰਜਾਬੀ ਅਤੇ ਪੰਜਾਬੀਅਤ ਨੂੰ ਵਰਤਮਾਨ ਵਿਸ਼ਵੀ ਸੰਦਰਭ ਅਨੁਸਾਰ ਸਮਝਣ ਦੇ ਯੋਗ ਬਣਾਉਣ ਵਿਚ ਇਹ ਸਮੁੱਚੀ ਪੜਾਈ ਸਹਾਇਤਾ ਕਰਦੀ ਹੈ।

CO 2- ਐੱਮ.ਏ ਪੰਜਾਬੀ ਕਰਨ ਵਾਲਾ ਸਕੂਲ ਅਤੇ ਕਾਲਜ ਵਿਖੇ ਪੰਜਾਬੀ ਅਧਿਆਪਨ ਲਈ ਮੁੱਢਲੀ ਯੋਗਤਾ ਪੂਰੀ ਕਰ ਲੈਂਦਾ ਹੈ। ਉਪਰੰਤ ਸਹਾਇਕ ਯੋਗਤਾ ਜਿਵੇਂ-ਬੀ.ਐੱਡ, ਐੱਮ.ਫਿਲ ਅਤੇ ਪੀਐੱਚ.ਡੀ ਵਗੈਰਾ ਕਰ ਕੇ ਅਧਿਆਪਨ ਦੇ ਖੇਤਰ ਵਿੱਚ ਪ੍ਰਵੇਸ਼ ਕਰਨਾ ਸਹਿਜ ਹੋ ਜਾਂਦਾ ਹੈ। ਐੱਮ.ਏ ਪੰਜਾਬੀ ਵਿੱਚ 55 ਪ੍ਰਤੀਸ਼ਤ ਅੰਕ ਹਾਸਿਲ ਕਰਨ ਵਾਲਾ ਵਿਦਿਆਰਥੀ ਯੂ.ਜੀ.ਸੀ ਦੀ ਰਾਸ਼ਟਰੀ ਅਧਿਆਪਕ ਯੋਗਤਾ (NET QUALIFY) ਜਾਂ ਪੀਐੱਚ.ਡੀ ਲਈ ਆਪਣੇ ਆਪ ਨੂੰ ਖੋਜ ਸਾਥੀ (RESEARCH FELLOW) ਵਜੋਂ ਯੋਗ ਸਿੱਧ ਕਰ ਸਕਦਾ ਹੈ। ਅਖ਼ਬਾਰਾਂ, ਰਸਾਲਿਆਂ, ਰੇਡੀਓ, ਟੈਲੀਵਿਜ਼ਨ ਅਤੇ ਸਿਨੇਮਾ ਆਦਿ ਨਾਲ ਸੰਬੰਧਿਤ ਅਨੇਕ ਪ੍ਰਕਾਰੀ ਕੰਮ ਸਾਂਭਣ ਦੀ ਯੋਗਤਾ ਐੱਮ.ਏ ਪੰਜਾਬੀ ਕਰਨ ਵਾਲੇ ਵਿੱਚ ਆ ਜਾਂਦੀ ਹੈ।

CO 3- ਐੱਮ.ਏ ਪੰਜਾਬੀ ਦੀ ਯੋਗਤਾ ਪ੍ਰਾਪਤ ਅਨੇਕ ਵਿਦਿਆਰਥੀ ਅਧਿਆਪਨ ਦਾ ਕਾਰਜ ਕਰ ਰਹੇ ਹਨ। ਅਖ਼ਬਾਰਾਂ, ਰਸਾਲਿਆਂ ਅਤੇ ਸੰਪਾਦਨ ਦੇ ਖੇਤਰ ਵਿੱਚ ਅਨੇਕ ਪ੍ਰਕਾਰ ਦੇ ਕੰਮ ਐੱਮ.ਏ ਪੰਜਾਬੀ ਕਰਨ ਵਾਲੇ ਯੋਗ ਉਮੀਦਵਾਰਾਂ ਨੇ ਸਾਂਭੇ ਹੋਏ ਹਨ। ਰੇਡੀਓ, ਟੈਲੀਵਿਜ਼ਨ ਅਤੇ ਸਿਨੇਮਾ ਦੇ ਖੇਤਰ ਵਿੱਚ ਵੀ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਅਨੇਕ ਪ੍ਰਾਪਤੀਆਂ ਕੀਤੀਆਂ ਹਨ।

### Course Outcomes of Masters in Political Science

Course	Outcomes
MA Pol Science	<p>CO 1- The Course helps the students to gain knowledge about Western Political Thought. The study of Western Political Thought certainly helps the students to build a strong foundation in the subject of Political Science.</p> <p>CO 2-Students become aware about nature and changing perspectives of International Politics. The course helps the students to gain knowledge of concepts like National Power, Balance of Power and Collective Security. It enables the students to understand the composition and working of the United Nations and various regional organizations.</p> <p>CO 3-Students gain knowledge about Indian Constitution, its making, basic principles and its importance. It enables the students to know about the nature of Indian Federalism, Centre-State Relations, Fundamental Rights, Fundamental Duties and Directive Principles of the State Policy. Students also learn about the composition and working of Parliament, Office of Prime Minister, Supreme Court, High Court and state-level governmental setup.</p> <p>CO 4-Students learn about the nature and scope of Public Administration. The study of the organization and its principles form an important part of their study. The study of Lok Pal and Lok Ayukta certainly helps them to become enlightened and vigilant citizens.</p>

- CO 5-The course helps the students to understand the nature and scope of Political Sociology. It enables them to gain knowledge about concepts like Political Culture, Political Socialisation, modernization, Social Stratification, Power, Authority and Legitimacy.
- CO 6-It helps them to understand the meaning, scope and utility of Public Administration. It also enables the students to study Organisation, its principles, the concept of Good Governance, Role of Chief Executive, Civil Services and the concept of Budget.
- CO 7-The Course helps the students to understand the whole process of public policy making. The study of role of various institutions like legislature, executive, bureaucracy and judiciary certainly helps the students to enhance their knowledge about the administration.
- CO 8-Students gain knowledge about the role of economic factor in the making of foreign policy. The study of Bretton Woods Perspective, Dependency Theory, International Monetary Fund, World Bank helps the students to better understand the role of economic factor in the foreign relations in this age of Globalization.
- CO 9-The Course helps the students to understand International Law, Recognition of States and Governments, State Succession, State Responsibility, Diplomatic Envoys, Law of Treaties, Law of Wars. The study contributes greatly to enhance the knowledge and understanding of the students about international law and practices.
- CO 10- Students gain knowledge Indian Political Thought. The ancient, medieval and modern Indian political thought certainly help the students to better understand the Indian perspective about various issues of state and administration.

### Course Outcomes of Masters in Economics

Course	Outcomes
M.A. (Eco)	<p>CO 1- Students get enrich about the knowledge in the field of Economics.</p> <p>CO 2- Students get enabled to analyse and apply latest tools to deal and solve problems in various areas of Economics.</p> <p>CO 3- Students learn advanced Papers and advanced techniques for the solution of economics problem.</p> <p>CO 4- Students learn to apply basic, professional and technical skills to excel in various field of business</p> <p>CO 5- Students learns to develop practical know-how to provide solutions for the problems faces by the industry, business and society.</p>

### Course Outcomes of Masters in Sanskrit

Course	Outcomes
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<b>MA Sanskrit</b>	<p>CO 1- After completing Master degree student can clear U.G.C. and get jobs as lecturer after BED school teacher.</p> <p>CO 2- They can get job as language translator.</p> <p>CO 3- They can have business and job in the Jyotish field.</p> <p>CO 4- They can arrange havan yagya and work in arya smaj places for the development and employment.</p>
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### Course Outcomes of Masters in Journalism and Mass Communication

Course	Outcomes
<b>MA- JMC</b>	<p>CO 1- Students would gain advanced knowledge about advanced aspects of Journalism and Communication including Science Journalism, New Media Technology, Development Journalism, Advertising, International Communication, intercultural Communication, Media management.</p> <p>CO 2- Students would learn about modern and emerging trends of Journalism and develop excellent communication and networking skills along with aptitude to effectively extract information.</p> <p>CO 3- Students will develop advanced knowledge about press laws and media ethics, freedom of press and basic human rights .</p> <p>CO 4- Students would be able to critically analyze various current affairs and form deeper perspective and understanding about withstanding issues in country.</p> <p>CO 5- Students would be able to design, conduct, and report research in various fields of Journalism and Mass Communication and apply knowledge gained in research work effectively for society &amp; national cause.</p> <p>CO 6- This course help students to appear for competitive exams and pursue Phd and academic research in Journalism and related fields.</p> <p>CO 7- This course prepare students for future jobs in Teaching, Mainstream Media, Online Media, News Agencies, Public Relations, Films and TV production, Radio and Advertising Agencies.</p>

### Course Outcomes of Master in Science (Physics)

Course	Outcomes
<b>M.Sc. (Physics)</b>	<p>CO 1- Post graduation in physics offers deep understanding of basic concepts of various branches of physics such as, Classical Mechanics, Quantum Mechanics, Electronics, Statistical Mechanics, Condensed Matter Physics, Nuclear Physics, Particle Physics etc.</p> <p>CO 2- Students gets enabled to apply various theoretical techniques to solve various problems in the field of physics.</p> <p>CO 3- This course develops practical skills among students which make them able to design new experiments and help in analysis of the experimental findings.</p> <p>CO 4- Prepare students for present day needs of academic institution, research institutions and industries.</p>

	<p>CO 5- students can appear in various competitive exams like GATE, UGC-CSIR NET to pursue his/her career in research or in teaching.</p> <p>CO 6- Students of physics can join research institutes like ISRO, DRDO BARC, DAE etc.</p> <p>CO 7- Some of other employment areas are, IT sector, power generation companies, aviation industry, oil and natural gas industries, radiologist, automobile industries etc.</p>
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### Course Outcomes of Master in Science (Chemistry)

Course	Outcomes
<b>M.Sc. (Chemistry)</b>	<p>CO 1- Students will be able to Solve questions based on rates of different reactions.</p> <p>CO 2- They will learn various polymerization techniques as well as various methods to determine molecular weight.</p> <p>CO 3- Students will be able to apply the principles of quantum mechanics to small atoms and molecules.</p> <p>CO 4- They will be able to identify thermodynamic properties of any system and apply it for various systems.</p> <p>CO 5- They will know the important applications of organometallic homogeneous catalysis in the large scale and small scale production.</p> <p>CO 6- To inculcate the ability to work effectively and safely in laboratory environment.</p> <p>CO 7- Students will know and choose an appropriate solvent for carrying out any chemical reaction based on the principles of acids and bases.</p> <p>CO 8- They will know the use of various oxidizing and reducing agents for application in organic transformations of industrially and pharmaceutically important organic compounds.</p> <p>CO 9- They will be able to opt for research for production of different drugs and other related fields.</p> <p>CO 10- They understand the use of compounds and metal ions in treatment of deadly diseases.</p> <p>CO 11- Students can apply <math>^1\text{H}</math> NMR, <math>^{13}\text{C}</math> NMR, mass spectrometry, IR and UV-Vis spectroscopy, studies for future reference.</p> <p>CO 12- Students will learn the basic difference between photochemical and thermal reactions and based on this, they will be able to solve different practical problems.</p> <p>CO 13- Students will be well equipped with the knowledge of various reactions and their mechanisms and can apply in day to day applications.</p> <p>CO 14- Concepts of green chemistry, heterocyclic chemistry, supramolecular chemistry, natural products will help them to engage in research.</p>

## Course Outcomes of Master in Science (Zoology)

Course	Outcomes
<b>M.Sc. Zoology</b>	<p>CO 1- Minds of Learners would be impulsed by getting knowledge about the human body and other organism's body. Students get knowledge about various systems and comparative changes occurring in various animals under the effect of evolution will be brought to light.</p> <p>CO 2- Students will be exposed to the fundamental aspects of ecology. They will get idea about the impact of anthropogenic activities on the environment.</p> <p>CO 3- Students will understand how these cellular components are used to generate and utilize energy in cells. They will understand the structures and purposes of basic components of prokaryotic and eukaryotic cells, especially macromolecules, membranes, and organelles.</p> <p>CO 4- They would be able to promptly draw diagrams related to the systems promoting positive attitude important for academics. Students will be benefited after knowing use of various culture , important species ,their management and product which will further encourage them in start up entrepreneur in particular field .</p> <p>CO 5- Students will know about various disease caused or spread by various protozoans, annelids, echinoderms and helminthes and their control measures.</p> <p>CO 6- Learn how earth was formed and how life started and evolved on the planet through process of organic evolution. Have research aptitude in the field of evolutionary sciences. Course equip the learner to use the tools and techniques for project work and Research in biology.</p> <p>CO 7- Students will be able to extract DNA, perform estimation of RNA, DNA amplification etc.</p> <p>CO 8- Students can separate different mixtures of pigments, amino acids by using the techniques of Chromatography. They will learn the application of Radiations in Medical Treatment.</p> <p>CO 9- Students will be able to understand various biochemical and genetic changes during differentiation. It will enable the students to learn role of nucleus in developmental events. They will learn how the genes control the developmental events. The students will be able to draw various components and structure of biomolecules like carbohydrates, lipids, proteins and nucleic acid.</p> <p>CO 10- Students will be benefited after knowing use of various culture , important species ,their management and product which will further encourage them in start up entrepreneur in particular field. Students will know about various disease caused or spread by various protozoans, annelids, echinoderms and helminthes and their control measures.</p> <p>CO 11 The students will be able to define different uses of taxonomy along with the methodologies included and changes occurring from time to time.</p>

	CO 12- The students become aware regarding the identification tools. Furthermore the student will be able to differentiate between groups of animals bear on heavy characters not only this the students will get a chance to practice the subject by doing collection and becomes treatment.
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**Course Outcomes of Masters in Computer Science**

Course	Outcomes
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<b>MSc CS</b>	<p>CO 1- Students Enrich the knowledge in core and advanced computing areas like Web Services, Artificial Intelligence, Cloud Computing, Design and Analysis of Algorithms, Programming language, Database Technologies, Mobile Technologies, Advanced Operating System and Software Project Management.</p> <p>CO 2- Students will be able to analyze and apply latest technologies to solve problems in the areas of computer applications.</p> <p>CO 3- Students learn advanced data structures and advanced Database management tools. To understand database and it's connectivity with Server Side Scripting language. To develop Web Applications with My SQL/SQL as backend.</p> <p>CO 4- Apply basic, professional and technical skills to excel in business.</p> <p>CO 5- Students will learn to develop practical skills to provide solutions to industry, society and business.</p> <p>CO6- Final year project help students to get practical experience of various IDEs , programming languages, databases and prepare students for future jobs.</p>
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**Course Outcomes of Masters in Information Technology**

Course	Outcomes
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<b>MSc IT</b>	<p>CO 1- Students gain Enrich the knowledge in core and advanced computing areas like Web Services, Fuzzy System, Theory of Computation, Artificial Intelligence, Cloud Computing, Advanced Algorithms, Image Processing, Programming language, Advanced Computer Architecture, Database Technologies, Mobile Technologies, Advanced Operating System and Software Project Management.</p> <p>CO 2- Students learn basic data structures and various IDE's and Languages to develop Software.</p> <p>CO 3- This course focuses on preparing students for roles related to computer applications and IT industry.</p> <p>CO 4- Students get knowledge of latest computer applications and development in IT</p> <p>CO 5- Students will be able to apply basic, professional and technical skills to excel in business.</p> <p>CO 6- Students will learn to develop practical skills to provide solutions to industry, society and business.</p>
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	CO 7- Final year project help students to get practical experience of various IDEs , programming languages, databases and prepare students for future jobs
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### Course Outcomes of Masters in Mathematics

Course	Outcomes
<b>M.Sc. (Mathematics)</b>	<p>CO 1- Apply the knowledge of mathematical concepts in interdisciplinary fields.</p> <p>CO 2- Understand the nature of abstract mathematics and explore the concepts in further details.</p> <p>CO 3- Model the real-world problems in to mathematical equations and draw the inferences by finding appropriate solutions.</p> <p>CO 4- Identify challenging problems in mathematics and find appropriate solutions.</p> <p>CO 5- Pursue research in challenging areas of pure/applied mathematics.</p> <p>CO 6- Employ confidently the knowledge of mathematical software and tools for treating the complex mathematical problems and scientific investigations.</p> <p>CO 7- Continue to acquire mathematical knowledge and skills appropriate to professional activities and demonstrate highest standards of ethical issues in mathematics.</p> <p>CO 8- Comprehend and write effective reports and design documentation related to mathematical research and literature, make effective presentations.</p> <p>CO 9- Qualify national level tests like NET/GATE etc.</p> <p>CO 10- Effectively communicate and explore ideas of mathematics for propagation of knowledge and popularization of mathematics in society.</p>

### Course Outcomes of Masters in Commerce

Course	Outcomes
<b>M.Com.</b>	<p>CO 1- It's a 2-year Integrated course that is highly practical &amp; provides a Comprehensive knowledge of Commerce &amp; Management.</p> <p>CO 2- It imparts specialization in Finance, Marketing, and Human resources, Which helps in getting &amp; learning about industrial expertise as well.</p> <p>CO 3- Mostly students from the pure commerce stream opt for M.com which helps them to have a thorough knowledge of their respective specialization subject. It facilitates students to be industry-ready as well as academically strong.</p> <p>CO 4- It offers various opportunities for a master of commerce- Banking Industry, Insurance Industry, Education Sector, Excise &amp; Custom, Chartered Accountancy, Taxation Dept, Law dept, Economic planning, International Trades, etc.</p>

### Course Outcomes of Bachelor in Arts

Course	Outcomes
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<b>BA</b>	<p>CO1 - Bachelor of arts course provides education in a variety of contexts. The course also incorporates a variety of modes of learning and teaching.</p> <p>CO2- BA course offers a wide range of educational backgrounds to students. This course offers a rich variety of subjects (such as Economics, English, Political Science, Geography, History and so on.).</p> <p>CO3- The course helps students to understand how linguistic, cultural, geographical, historical political, and environmental factors forces shape the world.</p> <p>CO 4- This Course also prepares students for competitive exams</p> <p>CO 5- The subject of economics, intends to familiarize the students with the knowledge of Social Sciences, specifically Economics and its tools, methodologies, and analysis procedures.</p> <p>CO 6- In Subject political science, students gain knowledge about the principles of Political Science. They get an opportunity to understand the meaning, nature, and scope of Political Science.</p> <p>CO 7- The subject English enables students to develop their language skills: listening, speaking, reading and writing.</p> <p>CO 8- The subject History provides students with historical knowledge. It enable a continued dialogue between the past &amp; the present.</p> <p>CO 9- In Subject Geography the students learn about various places. They get knowledge and relationship between people and their environments. They explore both the physical properties of Earth's surface and the human societies spread across it.</p> <p>CO 10- After completing a bachelor degree students can pursue masters degree in any of the subject of interest.</p>
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### **Course Outcomes of Bachelor in Economics**

<b>Course</b>	<b>Outcomes</b>
<b>B.Sc. (Eco)</b>	<p>CO 1- Students understand the basic concepts of Economics and the key areas in field of Economics.</p> <p>CO 2- Students learn Computers, Mathematics and Quantitative Techniques in this course. They also learn how to solve Economic Problem with the help of mathematics and computers.</p> <p>CO 3- Analyse various economic problems through different pictorial expositions.</p> <p>CO 4- Course focuses on preparing students for roles related to field of Economics (Marketing, Human Resource Development and Management (HRD &amp; HRM) and Finance).</p> <p>CO 5- Students gain an ability to enhance comprehensive understanding of the theory and its applications in diverse fields.</p> <p>CO 6- Students get knowledge of various Economic Problems and latest development in this field.</p>

	<p>CO 7- This course helps student to get entry level in various competitive examinations and to pursue for Masters in Economics level.</p> <p>CO 8- It also prepares students for future jobs.</p>
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### Course Outcomes of Bachelor in Computer Science

Course	Outcomes
<b>B.Sc. (Comp Sci)</b>	<p>CO 1- This programme is suitable for students who are fascinated by technology as our society is becoming technology dependent.</p> <p>CO 2- After completing this course students can go in higher studies. There are large number of job opportunities after this course. After completing bachelor's degree in computer science students can join hardware system companies, design and development companies, MNC's, academics, govt sector, software development companies and private sector.</p> <p>CO 3- This course helps to develop scientific mindset in students. Which will be helpful for designing of experiments and analysing the results of scientific experiments.</p> <p>CO 4- If a student wish to pursue his or her career in information technology this course would be an excellent opportunity.</p> <p>CO 5- B.Sc. (Computer Science) students can pursue post-graduation in Maths, Information Technology, Physics or Chemistry, etc.</p> <p>CO 6- This programme offers opportunities for serving in defence services.</p> <p>CO 7- Students can join research institutes like DRDO, IIT's, ISRO through competitive exams after B.Sc. And can excel in research field for the welfare of mankind.</p> <p>CO 8- This bachelor's degree makes students eligible to vast number of government and private sector jobs.</p>

### Course Outcomes of Bachelor in Science (Non-Medical)

Course	Outcomes
<b>B. Sc. (Non Med)</b>	<p>CO 1- This programme develops understanding of concepts of Physics, Chemistry and Mathematics.</p> <p>CO 2- This course helps to develop scientific mindset in students. Which will be helpful for designing of experiments and analysing the results of scientific experiments.</p> <p>CO 3- B.Sc. (Non-Medical) students can pursue post-graduation in Physics, Chemistry, Maths, Information Technology, Nuclear Medicine etc.</p> <p>CO 4- This programme offers opportunities for serving in defence services.</p>

	<p>CO 5- Students can join research institutes like DRDO, IIT's, ISRO through competitive exams after B.Sc. And can excel in research field for the welfare of mankind.</p> <p>CO 6- This bachelor's degree makes students eligible to vast number of government and private sector jobs.</p>
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### Course Outcomes of Bachelor in Science (Medical)

Course	Outcomes
<b>B. Sc. ( Med)</b>	<p>CO 1- Students are made aware of core concepts of Botany i.e. Plant Taxonomy, Anatomy, Cytology &amp; Genetics, Physiology, Reproductive Biology, Biochemistry and Biotechnology, Ecology and Economic Botany</p> <p>CO 2- Technique of Herbarium collection, Use of taxonomic keys with the aid of computers, Double staining, Enzyme estimation, Plant tissue culture and Karyotyping are practiced.</p> <p>CO 3- Course focuses on proficiency of students in basic botany, zoology and chemistry.</p> <p>CO 4- This course helps students to prepare for various competitive exams like IAS, IFS, M.Sc. entrance, UGC-NET, etc.</p> <p>CO 5- Course imparts practical knowledge to encourage students to start small scale business as entrepreneurship programs viz. Mushroom cultivation, Vermicomposting, Essential oil based aromatic products, Plant specimen collectors and distributors, Nursery vendors etc.</p> <p>CO 6- Students can grab academic and scientist positions at government and private institutes of national and international repute after pursuing masters in desirable subject.</p>

### Course Outcomes of bachelor of Science (Bio-Tech)

Course	Outcomes
<b>BSc. (Bio-Tech)</b>	<p>CO 1- Biotechnology graduates have skill experience on basic laboratory techniques that are commonly used in Biotechnology research.</p> <p>CO 2- Biotechnology field provides pathway for students to acquire knowledge in Biochemistry, Microbiology, Molecular Biology, Animal Tissue Culture, Immunology, Plant Tissue Culture etc. skills.</p> <p>CO 3- Course provide scientific knowledge applicable to range of careers including industrial sector, environmental sector, medical sector, food manufacturing, healthcare and pharmaceuticals.</p> <p>CO 4- A biotechnology graduate can be employed across several industries as biochemists, biophysicists or medical scientists.</p> <p>CO 5- Students can interpret and critically analyze published literature of relevance to Biotechnology.</p>

### Course Outcomes of Bachelor of Computer Applications

Course	Outcomes
<b>BCA</b>	<p>CO 1- The program prepares the young professionals for a range of computer applications, computer organizations, software engineering, techniques of computer networking, e-Commerce, Web development, Python, Java and Mobile application Development.</p> <p>CO 2- Students understand basic computer hardware architecture and be able to learn essential IT support skills including installing, configuring, securing and troubleshooting operating systems and hardware.</p> <p>CO 3- Gain hands-on experience of working in Microsoft products such as: MS Word, MS Power point, and MS Excel.</p> <p>CO 4- Communicate effectively in both verbal and written form.</p> <p>CO 5- Students will gain a broad understanding of database concepts and database management system software. Be able to model an application's data requirements using conceptual modelling tools like ER diagrams and design database schemas based on the conceptual model. Also will be able to write SQL statements that edit existing data.</p> <p>CO 6- Students learn programming, debugging, data structures and databases. They also learn various IDEs and tools to develop projects.</p> <p>CO 7- Students gain an ability to enhance comprehensive understanding of the theory and its applications in diverse fields.</p> <p>CO 8- An ability to understand, design and troubleshoot a computing system to meet desired needs within realistic constraints.</p> <p>CO 9-Final year project help students to get entry level practical experience. It also prepare students for future jobs.</p>

### Course Outcomes of Bachelor of Information Technology

Course	Outcomes
<b>BSc IT</b>	<p>CO 1- This course focuses on preparing students for roles related to computer applications and IT industry.</p> <p>CO 2- Students gain programming, networking and database skills. They learn applications, packages, languages and modern techniques of IT.</p> <p>CO 3- Learn programming languages such as C, C++, Python and Java.</p> <p>CO 4- Students learn basic data structures and various IDE's to develop Software's.</p> <p>CO 5- Students get knowledge of various computer applications and latest development in IT</p> <p>CO 6- Gain knowledge about modern software development tools/techniques and use them to develop solutions.</p> <p>CO 7- Students gain knowledge of various computer graphics, web development, trouble shooting, hardware and software skills.</p> <p>CO 8- Along with skills and information about computers and information technology they also get information about organization and management.</p>

	CO 9- Final year project help students to get entry level practical experience. It also prepare students for future jobs.
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### Course Outcomes of Bachelors in Commerce

Course	Outcomes
<b>B.Com</b>	<p>CO 1- This program is 3-year course that offers an optimum blend of theory and practice to provide a solid foundation in business law taxation with specialization in areas of choice</p> <p>CO 2- The subjects offered in six semesters include a perfect blend of practical and theoretical approach toward commerce and management.</p> <p>CO 3 - It includes financial and accounting subjects which provide a strong base for students and make them ready to excel in the corporate world.</p>

### Course Outcomes of Bachelor in Commerce Hons. (Banking and Insurance)

Course	Outcomes
<b>B.Com (Hons)</b>	This course offers 2 year Hons degree along with a regular B.Com, in which students understand and learn thoroughly about practical as well as theoretical aspects of the banking and insurance sector.

### Course Outcomes of Bachelor in Business Administration

Course	Outcomes
<b>BBA</b>	<p>CO 1 - This course aims to demonstrate an understanding of professional customs and practices.</p> <p>CO 2 - It helps in developing broad commercial knowledge among the students and building skills that are essential for the professional growth of students.</p> <p>CO 3 - This improves problem-solving skills and imparts critical thinking among students. They are able to understand the current industry requirements.</p> <p>CO 4 - This course offers specialized knowledge in the field of finance, marketing, human resource, management, business environment, industrial and company law.</p> <p>CO 5 - It ensures a better understanding of consumer behaviour and the retail service sector as well.</p>

### Course Outcomes of B. VOC (Retail Management)

Course	Outcomes
<b>B.VOC (Retail Management)</b>	<p>CO 1- Bachelor of vacation in Retail management is a 3 years course (6 semester). It includes retailing knowledge, which helps in understanding retail sector business.</p> <p>CO 2- It imparts Computer Technical Knowledge, Marketing as well as Human Resources, Store location understanding as well.</p> <p>CO 3- The students are asked to undergo practical training in different stores to learn about Inventory, Logistics, etc.</p>

### Course Outcomes of Bachelor in Financial Services

<b>Course</b>	<b>Outcomes</b>
<b>BFS</b>	<p>CO 1- This is a specialist course intended to equip students with the skills required to operate in an increasingly competitive environment.</p> <p>CO 2- It helps the students to understand financial skills, wealth, creation, financial management, and the proper financial planning process.</p>

### **Course Outcomes of Diploma in Computer Application**

<b>Course</b>	<b>Outcomes</b>
<b>DCA</b>	<p>CO 1- Students understand the basic concepts of computers and the key areas in computer science</p> <p>CO 2- Course focuses on preparing students for roles related to computer and IT industry.</p> <p>CO 3- Gain hands-on experience of working in Microsoft products such as: MS Word, MS Power point, and MS Excel.</p> <p>CO 4- Students get introduction to programming, networking, databases and modern techniques of IT</p> <p>CO 5- Get skills and information about computer, information technology, web development, trouble shooting, hardware and software skills.</p>

### **Course Outcomes of Post Graduate Diploma In Computer Application**

<b>Course</b>	<b>Outcomes</b>
<b>PGDCA</b>	<p>CO 1- Course focuses on preparing students for roles related to computer and IT industry.</p> <p>CO 2- Gain hands-on experience of working in Microsoft products such as: MS Word, MS Power point, and MS Excel.</p> <p>CO 3- Students understand the basic concepts of computers and the key areas in computer science</p> <p>CO 4- Students get introduction to programming, networking, databases and gain knowledge to solve problems using computers.</p> <p>CO 5- Students learn Professional DTP tools including Photoshop and coral draw.</p> <p>CO 6- Students learn the basics of computers and gain technical proficiency in the field of IT Applications.</p> <p>CO 7- Get skills and information about computers, information technology, web development, troubleshooting, hardware and software skills.</p>

### **Course Outcomes of Post Graduate Diploma In Financial Services**

<b>Course</b>	<b>Outcomes</b>
<b>PGDFS</b>	<p>CO 1- The purpose of this course is to prepare the students for job opportunities in Banking Insurance &amp; Financial sector with thrust on recent trends.</p> <p>CO 2- This course offers thorough knowledge about financial market.</p>

### **Course Outcomes Bachelor of Science (Bio Informatics )**



<b>Course</b>	<b>Outcomes</b>
<b>F.Y.B.Sc (Bio Informatics)</b>	<p>CO 1- Bridge the fundamental concepts of computers with the present level of knowledge of the students. learning a-bout computer network organization and implementation, obtaining a theoretical understanding of data communication and computer networks, and gaining practical experience in installation, monitoring, and troubleshooting of current LAN systems.</p> <p>CO 2- This course deals with understanding the molecular aspects of the biology. It majorly emphasizes the concepts of central dogma of molecular biology spanning from DNA Replication till Protein Synthesis and Reverse transcription. It also helps in understanding the concepts of cellular function</p> <p>CO 3- This course teaches about plasmids, vectors and provides knowledge on the construction of cDNA libraries. Student of this course have knowledge on gene manipulation, gene expression, etc which prepares them for further studies in the area of genetic engineering</p> <p>CO 4- Students will gain proficiency in using statistical software for data analysis. They s will be able to communicate key statistical concepts to non-statisticians.</p> <p>CO 5- The student will be able to apply basic principles of biology, computer science and mathematics to address complex biological problems. Outcome of the course is to train the students in the use of biological databases as a tool for retrieve data from databases</p> <p>CO 6- Provides integrated structural data resources that evolve with the needs of biologists. The database handles deposition and annotation of structural data, providing an integrated resource of high-quality macromolecular structures and related data and maintaining in-house expertise in x-ray crystallography, NMR spectroscopy, and 3D electron microscopy.</p> <p>CO 7- Students learn database, fundamental programming concepts, and PERL scripting language and its use in bioinformatics.</p> <p>CO 8- This course provides knowledge about way of arranging protein (or DNA) sequences to identify regions of similarity that may be a consequence of evolutionary relationships between the sequences.</p> <p>CO 9- Course provides a greater level of understanding of how a protein works, which can allow us to create hypotheses about how to affect it, control it, or modify it.</p> <p>CO 10- This course will be able to describe and compare computerized methods in pharmaceutical and medicinal chemistry. It will interpret the structure of the receptor by acting on the structure of the affecting molecules.</p>

### **Course Outcomes of Bachelor of Food Science and Technology**

<b>Course</b>	<b>Outcomes</b>
<b>B.F.S.T.</b>	CO 1- The course offers Hons. Degree to students which enhances undergraduate qualification than normal degree.



	<p>CO 2- The students are made aware of each and every aspect of the food starting from food production to food consumption so the course is very useful in day to day life.</p> <p>CO 3- Practicals are as important as that of theory during the course. Students gain knowledge by the practical exposure of different subjects.</p> <p>CO 4- The students are enhanced in knowledge by the various industrial tours in different food industries .</p> <p>CO 5- As industrial training of minimum six weeks is compulsory part of the degree so students are exposed to the latest trends in the food industries.</p> <p>CO 6- The course is job oriented course and students are well prepared to work as food analyst, Food technician, Microbiologist, Dietician, Food inspector.</p> <p>CO 7- The course prepares the students to begin startups as students are fortified with various steps required for agriculture, food product development, food packaging, quality control etc.</p> <p>CO 8- Students are motivated to help the common man by checking the adulteration in the food products, shelf life and nutritive value of the packed foods.</p> <p>CO 9- This course also focuses on the overall development of the students by helping them to learn the communication skills and knowledge in computers .</p> <p>CO 10- The course helps the students for the competitive examinations for their post-graduation degree and for jobs in various sectors of food.</p>
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**Course Outcomes of Bachelor in Journalism and mass communication**

<b>Course</b>	<b>Outcomes</b>
<b>BJMC</b>	<p>CO 1- Students understand the basic concepts of Journalism and Mass Communication and the key areas in history and freedom of press with its role in society.</p> <p>CO 2- Students learn Print, Broadcast and Online journalistic style , News writing, Reporting, Editing, Proof reading, News reading and Anchoring techniques in this course with the help of computer aided software's and professional teleprompter</p> <p>CO 3- Students develops basic understanding about media laws and ethics.</p> <p>CO 4- Students learn various camera mounting and operating techniques with specialized picture composition and cinematographic techniques.</p> <p>CO 5- Students analyze various current affairs and form deeper perspective and understanding about withstanding issues in country.</p> <p>CO 6- This course focus on preparing students for the roles related to field of Journalism and Mass Communication ( News Reporter, Anchor, Content writer, Editor, ,RJ, VJ, Producer, Director, Photojournalist, Public Relations Officer, Event Manager, Audio and Video Professional, and Advertising.)</p> <p>CO 7- This course help students to pursue for Masters in Journalism and Mass Communication and prepare students for future jobs in Media, News</p>

Agencies, Public Relations, Films and TV production, Radio and Advertising Agencies.

### Course Outcomes of Bachelor in Arts Political Science (Hons)

Course	Outcomes
<b>BA Pol Sci (Hons)</b>	<p>CO 1- Students study a paper of Public Administration. It helps them to understand the meaning, scope and utility of Public Administration. It also enables the students to study Organisation, its principles, the concept of Good Governance, Role of Chief Executive, Civil Services and the concept of Budget.</p> <p>CO 2- Students get a chance to study a paper of Indian Foreign Policy. This paper enables the students to understand India's Foreign Policy, its principles, objectives and the policy of Non-alignment. India's relations with its neighbours especially with Pakistan, Bangladesh, Nepal and Sri Lanka have covered in this paper. Students also get a chance to study India's relations with major powers like USA, China along with India's Nuclear Policy.</p> <p>CO 3- Students study a paper titled Indian Political Thought. It helps them to understand the political thought of Mahatma Gandhi, Dr. B R Ambedkar, M N Roy and Jai Parkash Narayan. This paper enables the students to understand the perspectives of different Indian scholars about various concepts of Political Science.</p> <p>CO 4- Students get an opportunity to study Western Thinkers. They study the concepts and views of Plato, Thomas Hill Green and John Stuart Mill. It helps the students to understand the perspectives of Western Scholars regarding different concepts of Political Science.</p>

### Course Outcomes of Bachelor in Arts (Political Science)

Course	Outcomes
<b>BA Pol Sci</b>	<p>CO 1- Students gain knowledge about the Principles of Political Science. They get an opportunity to understand the meaning, nature and scope of Political Science. They also study the basic theme of the subject i.e. state, the Liberal, Marxist and Gandhian perspective of State. The concept of Sovereignty and its theories enables the students to understand sovereignty as supreme and exclusive power of the state.</p> <p>CO 2- The paper of Modern Political Theory enables the students to understand new concepts and approaches in the subject like Political System, Political Culture and Political Socialisation. It also helps the students to get knowledge about the concepts like Power, Authority, Legitimacy, Rights, Duties, Liberty, Equality and Justice. The concept of Democracy and its various theories helps the students to understand different kinds of Democracy.</p> <p>CO 3- Students gain knowledge about Indian Constitution, its making, basic principles and importance. The paper enables the students to know about the nature of Indian Federalism and Centre-State Relations. Fundamental Rights, Fundamental Duties and Directive Principles of the State Policy form an important part of the subject. Students also get an opportunity to know about the composition and working of Parliament, Office of Prime Minister, Supreme Court and High Court.</p>

CO 4- Students get an opportunity to study a paper titled Indian Political System. It enables them to study about nature of party system in India and role and kinds of pressure groups in Indian politics. It also helps to gain knowledge about the Election Commission, Electoral System, Voting Behaviour and Political Participation. The role of Caste, Religion and Regionalism in Indian politics also forms an important area of study.

CO 5- Students gain knowledge about Comparative Government and Politics. They study the Constitutions and various political institutions of UK and USA. The comparative study of different political systems helps the students to better understand the nature and working of political institutions. It also helps to find out the ideal political institution.

CO 6- The paper of International Politics: Theory and Practice enables the students to understand the meaning, nature and scope of International Politics. Students gain the knowledge of concepts like National Power, Balance of Power and Collective Security. The paper enables the students to understand the composition and working of United Nations and various regional organizations like European Union and SAARC.