

Program Outcome/Program Specific Outcome/Course Outcome

UG/PG

G.G.D.S.D. College offers undergraduate courses in five streams: **Arts, Science, Computer Application, Agriculture and Commerce** and post-graduate courses also in five subjects: **Punjabi, History, Computer Application, Agriculture and Commerce.**

UG

Program Outcome (Arts stream):

The Bachelor of Arts requires three years of full time study consisting of six semesters. The College offers nine arts subjects during the degree: **English, Punjabi, History and Culture of Punjab, History, Political Science, Physical Education, Economics, Music and Hindi.** Bachelor of Arts degree is focused on increasing a students' knowledge and critical thinking in accordance to the syllabus and curriculum prescribed by the affiliating Panjab University, Chandigarh. These courses aim to prepare students with a sound knowledge and skills to connect across geographical, disciplinary, social and cultural boundaries, understand the importance of ethical behaviour and lifelong learning habits thus creating in them the realisation of human values, sense of social service thereby making them responsible citizens of the country with creative ability and critical temper.

Program Specific Outcome (English):

A student, who has taken admission in program of B.A. with English as Compulsory or Elective subject of study is expected to achieve following outcomes:

1. Basic knowledge of English as Language which is essential to understand English literature.
2. Students get basic knowledge of the English grammar when they acquire their degree.
3. Knowledge of English language helps them to think critically while studying English literature. They are able to relate pleasure of literature and real life.
4. They are able of understand and communicate as English has become the global language.
5. The knowledge of English opens up the vast content of information available on any subject online and offline.
6. The student with a good knowledge to English can appear in any competitive exam in India and abroad.

Program Specific Outcome (Punjabi):

A student, who has taken admission in program of B.A. with Punjabi as Compulsory or Elective subject of study is expected to achieve following outcomes:

1. To develop a bonding with the mother tongue of the student.
2. The student gets to know and understand his/her native language in a far better way.
3. The student gains the knowledge and understanding of the various intricacies of the grammar and literature of Punjabi.
4. The student gains the knowledge and understanding of the rich folk and cultural heritage of Punjab.
5. The program connects the students to their roots.
6. Knowledge of Punjabi language helps them to think critically while studying Punjabi literature. They are able to relate pleasure of literature and real life

Program Specific Outcome (History and Culture of Punjab):

A student, who has taken admission into program of B.A. with History and Culture of Punjab as a subject of study is expected to achieve following outcomes:

1. The student gets to know of the rich history and culture of Punjab.
2. The student gains a better knowledge and understanding of the various ages through which Punjab has evolved to its present state.
3. To think and argue critically of the culture and history of Punjab.
4. To develop a bonding and liking of one's own roots.
5. To develop a liking and intention of pursuing the subject for the higher studies.
6. The students who do not have any knowledge of Punjabi as a language opt for this subject. They are made aware of the rich social and cultural heritage of Punjab.

Program Specific Outcome (History):

A student, who has taken admission in program of B.A. with History as an Elective subject of study is expected to achieve following outcomes:

1. Understand the basic themes, concepts, chronology and the Scope of Indian History.
2. Acquaint with range of issues related to Indian History that span distinct eras.
3. Understand the history of countries other than India with comparative approach.
4. Think and argue historically and critically in writing and discussion.
5. Prepare for various types of Competitive Examinations.
6. Critically recognise the Social, Political, Economic and Cultural aspects of History.

Program Specific Outcome (Economics):

A student, who has taken admission in program of B.A. with Economics as elective subject of study is expected to achieve following outcomes:

1. Understanding how different degrees of competition in a market affect pricing and output.

2. Understanding the efficiency and equity implications of market interference, including government policies.
3. Developing research knowledge in economics.
4. Developing the skill of data collection & use of sampling techniques in research.
5. Developing the knowledge about theories of economic growth & Development and issues of economic planning.
6. Creating awareness about changing macro-economic policies and theories.

Program Specific Outcome (Political Science):

A student, who has taken admission in program of B.A. with Political Science as elective subject of study is expected to achieve following outcomes:

1. The students get to know of the important thoughts and concepts of various political thinkers and philosophers of the world that enables an individual understand life in a better way.
2. To observe and think critically of the political events of the country and abroad.
3. Gain an understanding of the various types of political systems across the globe and in the country.
4. Gain understanding of the intricacies of democratic system of the states and centre level in India.
5. Get a comprehensive overview of polity and the various stages through which it evolved in the world.
6. Prepare for various types of Competitive Examinations at various stages.

Program Specific Outcome (Physical Education):

A student, who has taken admission in program of B.A. with Physical Education as elective subject of study is expected to achieve following outcomes:

1. Develops in the students awareness of physical, mental and emotional health and its importance.
2. Enhances the interest of the students in sports.
3. Enables the students become better enlightened and fit citizens of the country.
4. Get to know of the various intricacies and insight knowledge of various sports.
5. Enhances the qualities of leadership and promotes the concept of national integration.
6. Makes individuals and society more fit and a better place to live in.

Program Specific Outcome (Music):

A student, who has taken admission in program of B.A. with Music as elective subject of study is expected to achieve following outcomes:

1. Gets to know of the demonstrative aspects of ragas and their differentiation.

2. Gains the theoretical and practical aspects of the prescribed ragas.
3. Gains the understanding of the basic terminologies of Indian music.
4. He studies about the life and contribution of the composers of Hindustani music, Western music and Punjabi music.
5. Students understand the chronological development of various technical terms, schools of vocal & instrumental music & their styles and musical instruments, their origin, development and present status.
6. Inter-relationship of classical & folk music.

Program Specific Outcome (Hindi):

A student, who has taken admission into program of B.A. with Hindi as elective subject of study is expected to achieve following outcomes:

1. Develops a bonding with the National language of the student.
2. The student gets to know and understand Hindi language in a far better way.
3. The student gains the knowledge and understanding of the various intricacies of the grammar and literature of Hindi.
4. The student gains the knowledge and understanding of the rich folk and cultural heritage of India.
5. The individual gets to know of the unifying language and develops a reverence for it.
6. Knowledge of Hindi language helps them to think critically while studying Hindi literature. They are able to relate pleasure of literature and real life

Course Outcomes:

1. The student will graduate with proficiency in the subjects of his/her choice.
2. The student will be eligible to continue higher studies in his/her subjects.
3. The student will be eligible to pursue higher studies abroad.
4. The student will be eligible to appear for the exams for jobs in government organizations.
5. The student will be eligible to appear for the exams for jobs in government organizations like UPSC, PCS, IFS, Banking sector etc.
6. The student will be able to be a part of a skilled workforce to match the requirements of the society.

Program Outcome (Science Streams):

The Bachelor of Science requires three years of full time study consisting of six semesters. The College offers 4 science subjects: **Chemistry, Physics, Mathematics and Computer Science** in B.Sc.

The college also offers **B.Sc. Agriculture** to the students that requires four years of full time study consisting of 8 semesters.

These courses introduce a wide range of topics to students, develop reasoning through unfamiliar problems through critical and analytical thinking and to find a systematic approach in analysing solving problems through teamwork with importance to safe laboratory practice. The students taking admission to these programs of B.Sc. are expected to get equipped with the ability of explaining the basic scientific principles and methods, inculcating scientific thinking and awareness among the student thereby creating in them an ability to handle the unexpected situations of life in a better way.

Program Specific Outcomes (Physics):

A student, who has taken admission in program of B.Sc. with Physics as a subject of study is expected to achieve following outcomes:

1. Identifying and describing physical systems with their professional knowledge.
2. Developing their scientific attitude, ability and techniques to tackle problems, either theoretical or experimental in nature.
3. Knowledge of general physics like sound, wave, friction, forces and laws of motion and use of mathematics.
4. Information of electrical current, circuits, construction and their use.
5. Learning about concepts of nuclear physics and nuclear energies and importance of their use for mankind.
6. Knowing about the light and its importance in life, its characteristics, properties and use in various instruments.

Program Specific Outcomes (Chemistry):

A student, who has taken admission in program of B.Sc. with Chemistry as a subject of study is expected to achieve following outcomes:

1. Proficiency in Chemistry concepts.
2. Ability to apply Chemistry knowledge to analyze Chemical phenomenon.
3. Laboratory skills to inculcate experimentation.
4. General competence and analytical skills on advanced level.
5. Use of Chemistry for ethical problems.
6. Prepare students as man force for industry.

Program Specific Outcomes (Mathematics):

A student, who has taken admission in program of B.Sc. with Mathematics as a subject of study is expected to achieve following outcomes:

1. Apply critical thinking skills to solve applied problems.
2. Use knowledge skills necessary for immediate employment or acceptance into a graduate program.
3. Maintain a core of mathematical and technical knowledge that is adoptable to changing technologies and provides a solid foundation for future learning.
4. Apply mathematical concepts and principles to perform computation.
5. Create use and analyze graphical representation of mathematical relationships

Program Specific Outcomes (Computer Science):

A student, who has taken admission in program of B.Sc. with Computer Science as a subject of study is expected to achieve following outcomes:

1. The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, application program, database, graphics and networking for efficient design of computer-based systems of varying complexity.
2. Enable the student to get sufficient knowledge on various system resources.
3. To inculcate knowledge on Graphics & Multimedia concepts.
4. To inculcate knowledge on Networking concepts and technologies like wireless, broadband and Bluetooth.
5. On successful completion of this subject the students should have proficiency in E-Commerce, E-Market, EDI, Business Strategies etc.
6. Students will develop professional skills that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields.

Program Specific Outcomes (B.Sc. Agriculture):

A student, who has taken admission in program of B.Sc. Agriculture is expected to achieve following outcomes:

1. Facilitating detailed study of various agriculture forestry, Livestock and other allied branches required to raise the income of farmers.
2. Providing detailed knowledge of agriculture in India and Indian farmers income generating enterprises.
3. Knowledge dissemination regarding various technique of farming and farming system in Punjab.
4. Study of market and marketing of agricultural produce.

5. Detailed knowledge on the subject to improve the farmer's condition in Punjab by their contributions.
6. Detailed knowledge of modern cultivation practices, Soil, fertilizers, livestock's insect pest, economic associated with farming enterprises.
7. An understanding of and appreciation for the importance of the impact of globalization and diversity in modern agriculture organizations.
8. An ability to engage in critical thinking by analyzing situations and constructing and selecting viable solutions to solve problems.
9. Ability to recognize and examine the relationships between inputs and outputs in their agricultural field to make effective and profitable decisions.
10. Understanding of all aspects of agriculture combine and are used by scientists, marketers, and producers.

Course Outcomes:

1. Proficiency in scientific concepts.
2. Ability to apply scientific knowledge to analyze scientific phenomenon.
3. Laboratory skills to inculcate experimentation.
4. Use of ICT/ software.
5. Critical thinking and independent work.
6. Prepare students for higher education.
7. General competence and analytical skills on advanced level.
8. Use of science in analysing and solving problems arising in day to day life.
9. Prepare students as man force for industry and agriculture.
10. Prepare students for entrepreneurs.

Program Outcomes (B.C.A.):

The **Bachelor of Computer Application (BCA)** requires three years of full time study consisting of six semesters. A degree in Bachelor of Computer Applications puts a good platform for fundamentals of Computer Applications. It is a stepping stone in student's professional career as it syncs the student with need of industry. This course introduces a wide range of topics to students, develop reasoning through unfamiliar problems through critical and analytical thinking and to find a systematic approach in analysing and solving problems through teamwork. The students taking admission to the program of B.C.A. are expected to get equipped with the ability of explaining the basic computer principles and methods, inculcating critical thinking and awareness among the student thereby creating in them an ability to handle the unexpected situations of life in a better way.

Program Specific Outcomes (B.C.A.):

1. All theoretical concepts are implemented in practical which make a student industry ready.
2. Content of the course prepare a student for self entrepreneurship.
3. The syllabi of the course is a good platform for higher level course in computer application.
4. The course is designed to support automation and digitization in all walks of life.
5. The course enables the students to keep pace with the fast changing world.
6. The course opens up vast horizons of contemporary knowledge and techniques.

Course Outcomes:

1. Proficiency in Computer concepts.
2. Ability to apply computer application to analyze various phenomenon.
3. Laboratory skills to inculcate experimentation.
4. Use of ICT/ software.
5. Critical thinking and independent work.
6. Prepare students for higher education.
7. General competence and analytical skills on advanced level.
8. Use of computer in analysing and solving problems arising in day to day life.
9. Prepare students as man force for industry.
10. Prepare students for entrepreneurs.

Program Outcomes (Commerce):

The **Bachelor of Commerce** requires three years of full time study consisting of six semesters. It endows students with the holistic and contemporary knowledge of Business & Commerce through a fair mix of theory & practical courses. The curriculum also focuses on imparting Life Skills and Ability Enhancement, developing socially responsible citizens capable of managing challenges in Business & Society. It aims to provide students with the knowledge, tools of analysis and skills to understand and participate in the modern business and economic world. The course develops in them the managerial, entrepreneurial skill along with human resources management and numerical ability. The course makes them well versed with business regularity framework.

Program Specific Outcomes (Commerce):

1. Practical exposure that would equip the student to face the modern day challenges in Commerce and Business.

2. Capable of venturing into business as entrepreneurs and businessmen, converting their gained skills and knowledge to establish, organize, manage and develop a business effectively and efficiently.
3. Competent enough to occupy various professional positions by synthesizing the learned knowledge and acquired practices
4. To build a strong foundation in accounting, management and business subjects.
5. Learners will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing, with soft skills in Tally and ERP, E-Commerce etc.
6. Learners can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.

Course Outcome:

1. Enabling a student to understand finances, accounting and commerce at various levels.
2. Enabling a student to understand local, national and global commerce connections.
3. Understanding the indices of finances and commerce affairs.
4. Creates awareness among the students to handle micro, medium or large enterprises.
5. Connecting the students to the latest developments in commerce.
6. Making them understand the intricacies of the economy and commerce.
7. Use of ICT/ software.
8. Critical thinking and independent work.
9. Prepare students for higher education.
10. General competence and analytical skills on advanced level.

PROGRAM OUTCOME:

P.G.

Programme Outcomes (M.A. HISTORY):

M.A. (History) requires two years of full time study consisting of four semesters. It enables the student to comprehend the connectivity between the past and the present and stress the need for understanding the past to comprehend the present. It stresses the need to understand the significance of Individuals in promotion of an effective state and society. It enables the student to have a clear understanding of Current Affairs with a special reference to international disputes and their impact on the chaotic world and promotes the skills required like critical thinking and objective understanding for becoming a scientific historian. The student gains an effective comprehension of the History of the World, Nation and the state in order to have a clear understanding regarding the Connectivity between different parts of the world.

Programme Specific Outcomes:

1. The ability to reflect deeply on historical knowledge and to demonstrate an awareness of current historical debates.
2. The ability to use a wide range of bibliographical tools to locate and critically evaluate appropriate sources and materials for the advanced study of history.
3. The ability to locate and critically evaluate archival, printed or electronic source-material for the investigation of specific historical questions.
4. The ability to formulate and sustain independent historical arguments, to provide appropriate evidence to support them, including quantitative and visual evidence, and to reference the sources of the evidence used.
5. The ability to respond constructively to debate and criticism.
6. A critical understanding of the significance of historiographical developments since the professionalization of the discipline and their relevance to a student's specialist area of study.
7. A comprehensive understanding of the epistemological and methodological distinctiveness of history as a discipline, and an ability to reflect on the significance of the influence of other disciplines on the development of historical method.
8. A conceptual understanding that enables the student to evaluate critically scholarly writing in history and to undertake informed source-criticism.
9. The ability to engage in independent and extended research within a defined area of historical enquiry

Course Outcomes:

1. The students acquire in depth knowledge in history, which make them sensitive and sensible enough to solve the issues related with mankind.
2. The postgraduates will be acquainted with the philosophical, historical and ideological tradition and thinking of their respective subjects.
3. The program also empowers the post-graduates to appear for various competitive examinations or choose the any post graduate or research programme of their choice.
4. The M. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
5. The students will be ignited enough through the knowledge of the special PG programme to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.
6. Through the PG programme the students will come know about research in their respective subject.
7. Students get knowledge of various research methods and can realize the importance of research to find solutions of a specific issue.

8. Students are enabled to understand historical materials efficiently and effectively integrate and use of historical information to accomplish a specific purpose.
9. Students understand cultural, ethical, social, legal, and economic issues in history.
10. Students are able to comprehend history and are able to relate the past with the present and derive solutions of the future keeping in view of the past.

Programme Outcomes (Punjabi):

M.A. (Punjabi) requires two years of full time study consisting of four semesters. It enables the student to comprehend Punjabi language and literature with an advanced level of proficiency. It connects the students to their cultural roots and they get a comprehensive idea of their rich cultural and folk heritage. The intricacies of the language and linguistics are also revealed. The programme initiates the ability of critical thinking and the students get to understand Punjabi language, literature, linguistics and culture in a better way.

Programme Specific Outcome:

1. Examine the relationship of literature with history, society, culture and human behaviour and the evolving cross-cultural concerns.
2. Inculcate skills of contextualizing and interpreting literary works and effectively communicating the same.
3. Develop skills of comprehending socio-psychological changes and portraying them creatively in any literary form.
4. Use research methods and tools for academic research and excellence.
5. Research theoretical concepts and literary theories/approaches with specification. Different school of literary approaches are taught so that our students can learn about international phenomenon of criticism.

Course Outcomes:

1. The students acquire in depth knowledge of Punjabi language and literature.
2. The postgraduates will be acquainted with the philosophical, historical, folk and ideological tradition and thinking of their respective subjects.
3. The program also empowers the post-graduates to appear for various competitive examinations or choose the any post graduate or research programme of their choice.
4. The M. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
5. The students will be ignited enough through the knowledge of the special PG programme to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.

6. Through the PG programme the students will come know about research in their respective subject.

7. Students get knowledge of various research methods and can realize the importance of research to find solutions of a specific issue.

Programme Outcomes (PGDCA):

Post Graduate Diploma in Computer Application (PGDCA) requires one years of full time study consisting of two semesters. The Goal of Program is to prepare for all computer Knowledge and Languages in one year by analysing the system and maintain the relationship. Understanding application of Different software needed for rural areas development. To identify, software engineering, networking, hardware knowledge and to utilize the techniques, skills & modern programming tools, software development practice.

Programme Specific Outcomes:

1. Software engineering knowledge - apply knowledge of basic engineering concept for developing software with different from traditional software development concept.

2. Problem analysis – By using concept of entity relationship diagram and basic concept, feasibility study will be operational and technical feasible.

3. Design and development of system - by using concept of entity relationship diagram and basic concept of computer and developing software.

4. Modern tools uses - create, select and apply appropriate techniques resources like 4G,OOP.

5. Testing - After analysis and design of new system can perform testing of error for error free software.

6. Social responsibility - study will conducted which will concern with operation of system and effect of system on society which called as social feasibility.

7. Ethics - In this integrated one year course ethical principal and commits to professional ethics and responsibility and norm of software engineering practice.

8. Individual And teamwork - As Academic requirement they have to design team work and now some of them from team to distribute total system.

Course Outcome:

1. Student get ready for making a different software and computer programmes..

2. Capable of analyzing the different system in IT sector.

3. He is capable to design the system under any platform using JAVA.

4. The classification of any industrial IT related problem.

5. According to clients recruitment he/she is able to add and satisfy client demand.
6. Communicate computer science concepts, designs and solutions effectively and professionally.
7. Apply knowledge of computing to produce effective designs and solutions for specific problems.
8. Identify, analyse and synthesize scholarly literature relating to the field of Computer Science.
9. Use software development tool, software systems, and modern computing platforms.
10. Drives scientific and societal advancement through technological innovation and entrepreneurship.

Programme Outcomes (Post Graduate Diploma in Marketing Management):

PG Diploma in Marketing Management (PGDMM) trains a student in product development and design, brand and product management, marketing services, managing customer and business relationships, franchising. The course also introduces and equips a student with concepts of ever-evolving digital marketing. It involves marketing mainly on the internet, mobile phones, display advertising.

Programme Specific Outcomes:

1. Establish a professional presence online incorporating the key disciplines of social media, search engine optimization, analytics, online navigation and user experience in order to drive traffic to an organization's website.
2. Employ digital tools to analyze the effectiveness of a marketing campaign.
3. Formulate a marketing plan including marketing objectives, marketing mix, strategies, budgetary considerations and evaluation criteria.
4. Write a business plan for an entrepreneurial start-up venture.
5. Develop pricing strategies that take into account perceived value, competitive pressures and corporate objectives.
6. Develop strategies for the efficient distribution of products and services.
7. Apply the principles of business ethics and corporate social responsibility.
8. Determine strategies for developing new products and services that are consistent with evolving market needs.
9. Evaluate the viability of marketing a product or service in an international market or markets.
10. Evaluate results of marketing activities using criteria related to budgeted sales, costs and profits.

Course Outcome:

1. Learn the key elements of digital marketing
2. Develop the skills to generate online content and navigation.

3. Develop basic marketing graphics skills so you can develop marketing brochures and other printed materials.
4. Conduct marketing analytics and use it as background for a marketing plan.
5. Develop and deliver sales presentations and marketing communications plans.
6. Get prepared for the challenges of global marketing.

Programme Outcomes (Post Graduate Diploma in Applied Agriculture):

Post Graduate Diploma in Applied Agriculture (PGDAA) is an experiential learning based educational program that prepares students for productive careers in the diverse field of agriculture. It aims at preparing the students for productive careers in the dynamic global food and agricultural industry and become responsible leaders in the community. The program provides students with a broad understanding of the sustainable production, distribution, marketing and management of agricultural and environmental resources. The program emphasizes knowledge development in the geographical, physical, chemical, biological, technological and restorative principles and practices in agro ecosystems. The program encourages students to critically assess agricultural issues and trends; provides students with opportunities to systematically develop discipline appropriate communicative, analytical, quantitative, problem solving and critical thinking skills; and delivers a high quality academic experience that prepares students for emerging professional opportunities.

Program Specific Outcomes:

1. Facilitating detailed study of various agriculture forestry, Livestock and other allied branches required to raise the income of farmers.
2. Providing detailed knowledge of agriculture in India and Indian farmers income generating enterprises.
3. Knowledge dissemination regarding various technique of farming and farming system in Punjab.
4. Study of market and marketing of agricultural produce.
5. Detailed knowledge on the subject to improve the farmer's condition in Punjab by their contributions.
6. Detailed knowledge of cultivation practices, Soil, fertilizers, livestock's insect pest, economic associated with farming enterprises.
7. An understanding of and appreciation for the importance of the impact of globalization and diversity in modern agriculture organizations.
8. An ability to engage in critical thinking by analyzing situations and constructing and selecting viable solutions to solve problems.
9. Ability to recognize and examine the relationships between inputs and outputs in their agricultural field to make effective and profitable decisions.
10. Understanding of all aspects of agriculture combine and are used by scientists, marketers, and producers.

Course Outcomes:

1. Proficiency in Agricultural concepts.
2. Ability to apply scientific knowledge to analyze scientific phenomenon.

3. Laboratory skills to inculcate experimentation.
4. Use of ICT/ software.
5. Critical thinking and independent work.
6. Prepare students for higher education.
7. General competence and analytical skills on advanced level.
8. Use of science in analysing and solving problems arising in day to day life.
9. Prepare students as man force for industry and agriculture.
10. Prepare students for entrepreneurs.