

Program Specific Outcome for Courses Offered in the College

Shaheed Major Harminderpal Singh (Shaurya Chakra) Government College, Sahibzada Ajit Singh Nagar (Mohali) is a college affiliated to Punjabi University Patiala. It offers various undergraduate and post graduate courses. The college offers undergraduate courses in various streams- Arts, Science, Commerce and Computer Science. The post graduate courses are offered in the subjects of English, Punjabi, Fine Arts, Mathematics and Chemistry. There are also several self-finance courses in the streams of Computer Applications, Information Technology, Hospitality, and Biotechnology. Following are the program specific outcomes for each of the program offered in the college.

The Bachelor of Arts

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, Hindi, Public Administration, Political Science, Economics, Sociology, Home Science, Geography, Fine Arts, Music, Physical Education and Psychology. 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 Panjabi University, Patiala.

The courses offered in this stream aims to develop realization of human values, culture and a sense of social service. Skill of effective communication and language learning i.e., reading, writing, listening and speaking with fluency and understand its cultural value is also one of the significant aims of this program. It develops critical and analytical skills for identification and resolution of problems having social, linguistic and literary contexts. Most importantly, the courses offered under this stream aims to nurture responsible citizen who cultivates human values becoming the building blocks of an egalitarian society

The Bachelor of 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. It aims to provide students with

the knowledge, tools of analysis and skills to understand and participate in the modern business and economic world. Students who have taken admission in program of B. Com. are nurtured to develop conceptual foundation and application skills in the areas of accountancy, finance, management, research and higher education. Develop managerial skills and ability to manage accounts, people and organizations. Further, building life skills and entrepreneurial skill through value-based education and service-oriented programs is one of the significant aims of this stream. The course aims to develop numerical ability, financial and management accounting techniques, analytical and decision-making skills that could make students well versed with business regularity framework.

The Bachelor of Science (Medical & Non-Medical)

Bachelor of Science offers both theoretical and practical knowledge about different subject areas. This course forms the basis of science to pursue multi and interdisciplinary science careers in future. These subject areas include Physics, Chemistry, Mathematics, Computer Science and Botany and Zoology. The program makes the students ready to take up jobs in various sectors such as research firms, health care industry, chemical industry, testing laboratories, software company, banks, etc. Students are expected to have an understanding of the analytical methods required to interpret and analyze results and draw conclusions as supported by their data. Students are also expected to develop written and oral communication skills in science and mathematics related topics. It helps to develop scientific temper and thus can prove to be more beneficial for the society as the scientific developments can make a nation or society to grow at a rapid pace through research. The program makes the students eligible to take up various competitive examinations Also the knowledge of science is a definite advantage in various entrance examinations like Indian Administrative Services and other state and central Govt. services. The program may also lead the students to the advanced studies and research in multi and inter-disciplinary science for the welfare of the society.

The Masters of Arts in English

M.A. (English) requires two years of full-time study consisting of four semesters. It enables the student to comprehend and critically interact with literary works from different contexts: social, political, economic, historical and national. The students become thorough in reading which open up their minds and stimulate the sympathetic/empathic imagination by allowing

them to see the world through other's eyes as well to foster intercultural dialogue. Further, the course aims to nurture communication skills and rhetorical skills in students while writing essays, articles, and project reports. The students can expect to respond to literature aesthetically and critically as informed readers after completing this course.

The Masters of Arts in Punjabi

M.A. (Punjabi) requires two years of full-time study, consisting of four semesters. It allows the student to comprehend Punjabi language and literature at an advanced level. It connects students to their cultural roots and provides them with a comprehensive understanding of their diverse cultural and folk heritage. Language and linguistic complexities are also revealed. The program fosters critical thinking skills, and students gain a better understanding of Punjabi language, literature, linguistics, and culture. The course enables students to investigate the relationship of literature to history, society, culture, and human behavior, as well as the evolving cross-cultural concerns depicted in the literary works. It aims to instill skills in contextualizing, interpreting, and effectively communicating literary works.

The Masters of Arts in Fine Arts

M.A (Fine Arts) requires two years of full-time study, consisting of four semesters. The course aims to equip and train its students for intellectual, professional, and artistic growth. It prepares pupils for in-demand critical thinking and artistic expertise. It nurtures students to develop solutions for challenges or aesthetic issues. The curriculum is designed in a way that students can develop expertise in artistic expression and gain from it. Finding a setting that promotes the expressive style requires knowledge of painting, the history of the arts, understanding of many art genres, artists, and artwork from various historical and modern situations. These fundamental aspects form a very important part of the curriculum of this course. The students can expect to learn about analyses of various works of art, including art history from various cultures and periods, multiple viewpoints, and comprehension of ethnic perspective.

The Masters of Science in Mathematics

This program helps students in understanding fundamental axioms in mathematics and developing ideas based on mathematical reasoning. Students get knowledge on a wide range

of mathematical techniques and application of mathematical methods/tools in other scientific and engineering domains, empowering them to pursue higher degrees at reputed academic institutions. Strong foundation on Algebra, Analysis, Number Theory, topology and representation theory which is backbone of modern physics, string theory and cryptography is also an outcome of this program.

The Masters of Science in Chemistry

This program enables the students to demonstrate and apply the fundamental knowledge of Chemistry in natural products isolations, pharmaceuticals, dyes, textiles, polymers, petroleum products, forensic etc. and also to develop interdisciplinary approach of the subject. It also helps students to communicate scientific information in a clear and concise manner both orally and in Writing. Program enables the students to understand and explain environmental pollution issues along with its remedies and apply the knowledge to develop the sustainable and eco-friendly technology in Industrial Chemistry. This program helps students in developing their critical reasoning, judgment and communication skills and enhance the scientific temper among the students so as to develop a research culture and implementation of the policies to tackle the burning issues at global and local level.

Post Graduate Diploma in Computer Application (PGDCA)

The Diploma course requires one years of full-time study consisting of two semesters. It is intended for graduate students to learn the fundamentals of information technology and database management. Students can pursue professional knowledge in computer applications through this program. After completing the course, students will be able to use internet searching techniques, download information from the web, and communicate using digital mediums such as e-mail, drive sharing, cloud storage, and so on. The course develops such skills that students can opt for various Careers such as web developer, web designers, computer language programmers, computer programmer, software developer, ethical hacker and other fields of computer applications. The program covers all aspects and fundamentals of computer applications. It also includes projects for developing software in various programming languages, as well as a real-time environment. The program forms a foundation for entry to an appropriate Master's degree program.

The Bachelor of Commerce

BCA is a three-year undergraduate course in computer application. It is one of the most sought-after technical courses because of the growing demand for computer experts both in India and abroad. The three years Course covers all crucial topics related to computer applications such as database, data structure, programming paradigms and networking. After completing the course, the students get opportunity to work in MNCs like Infosys, Oracle, IBM, in etc. Apart from this government organizations including NIC, Indian Air Force, Navy and Army also hire Computer specialists. Moreover, one can also start different sorts of enterprises or can even work for themselves.

Hospitality and Tourism Society (HATS)

Govt. College Mohali, Department of Hospitality and Tourism Society (HATS) offers four one-year diploma courses- Diploma in Food Production, Diploma in Bakery and Confectionary, Diploma in Food and Beverages and Diploma in Accommodation Operation. It aims to provide students with the foundation for a Career within the hospitality and Tourism industry. Its unique curriculum and state-of-the-art laboratories confer excellence in all aspects of hospitality management. In addition to program specific courses, students receive a solid foundation of critical skills such as problem solving, presentation, communication, team dynamics and analytical abilities, thus helping students develop holistic personality to evolve as a successful hospitality professional & entrepreneur. HATS distinctively blends the theoretical and practical elements of Education with real life Experience in internationally acclaimed and award winning five-star hotel properties like JW. Marriott, Taj, The Leela, Hyatt and Holiday Inn etc. This interface brings the students closer to achieving the transition from student -to employee-to future industry managers. The Mission of "HATS" is to train and equip students with current and emerging hospitality knowledge and skills as per the present industry standards.