

Saifee Golden Jubilee Quaderia College, Burhanpur

2.6.1 Program Outcomes Year-2019-2020

Sr. No.	Program / Course	Program Outcomes	Specific Outcomes
1	BA Plain	<p>PO1. The students developed the ability in the field of social sciences and literature which made them sensitive and sensible.</p> <p>PO2. Enabled the learners to build up professional career as financial advisors economic planners, policy makers etc.</p> <p>PO3. The students could understand the various problems and issues related to the society and practical measures to encounter them.</p> <p>PO4. The employability of the students was enhanced due to their comprehension of social, economical and political intricacies.</p> <p>PO5. Graduated students can opt for jobs in tourism, media hospitality and other industries and also in governmental and non-governmental organization.</p> <p>PO6. They will be eligible for appearing competitive examination.</p>	<p>SO1. Students displayed specific changes in their knowledge, activities, skills and behaviour.</p> <p>SO2. Developed their skills in reasoning and understanding.</p> <p>SO3. Developed personality cultivating empathy and humanism in practical life.</p> <p>SO4. Present students with challenges that improve their creative thinking, problem solving interpersonal and communication skill.</p>
2.	B.Com Plain / B.Com. Computer Applications	<p>PO1. The student gained knowledge in the field of commerce, business, accounting etc.</p> <p>PO2. They enhanced their employability in functional areas such as taxation, banking, insurance, accounting etc.</p> <p>PO3. Developed new skills in the application of statistical tools and techniques in business.</p> <p>PO4. They started up their own business through their entrepreneurial skills.</p> <p>PO5. They are made proficient in finding out realistic solutions based on academic research.</p>	<p>SO1. Made eligible for higher education in specific areas of interest of the students.</p> <p>SO2. Students get opportunities to show their skills as businessman, entrepreneurs, managers, consultants etc.</p> <p>SO3. Students are made capable of web designing, software and hardware development.</p> <p>SO4. They developed leadership qualities, business acumen and team spirit in promoting trade and business.</p>

		<p>PO6. Those who have specialized in computer application developed proficiency in the use of information technologies in business promotions.</p> <p>PO7. They were able to acquire awareness on business issues in the global context.</p>	<p>SO5. They could appear in various competitive examinations for their career development.</p>
3	B.Sc. Biotechnology	<p>PO1. The students acquired theoretical and practical knowledge about different subject areas such as botany, chemistry, zoology, besides biotechnology.</p> <p>PO2. Helped the students in understanding issues related to nature and environment.</p> <p>PO3. Developed skill of observation and capability to draw logical inferences on specific bio scientific issues.</p> <p>PO4. They became eligible to appear for competitive examinations and post graduate studies after completion of undergraduate studies.</p>	<p>SO1. Knowledge about the fundamentals of Biotechnology enabled the students to understand the emerging and advanced engineering concepts in life sciences.</p> <p>SO2. They acquired the power of employability easily because of the positive trends in demand and supply of job opportunities.</p> <p>SO3. Students could easily understand the working of bioengineering and issues related to human life which help to tackle many life related problems especially the devastating pandemic which gripped human life.</p> <p>SO4. They acquired proficiency to handle experimental techniques at least at the primary level.</p>
4.	B.Sc. Microbiology	<p>PO1. The students could gather knowledge about microorganism and its impact on human life.</p> <p>PO2. They acquired knowledge on subjects like Botany and Chemistry besides the knowledge of microbiology.</p> <p>PO3. Developed the skill of observation and the power to make inference on problems related to microorganism.</p> <p>PO4 Helped students in understanding invisible issues related to human life due to the impact of microorganism like virus bacteria's etc.</p> <p>PO5. Knowledge about the prevention and</p>	<p>SO1. The students got fundamental knowledge about microorganisms as a developing branch of Bioscience.</p> <p>SO2. The employability is sure and certain in laboratories and experimental institutions, such as pharmaceutical Companies.</p> <p>SO3. The scope after post-graduation is great because of the positive science in the working of demand and supply in job avenues.</p> <p>SO4. The students can also engage in research and can contribute to the intricate aspects of the subject</p>

		control of infectious diseases.	<p>through new experiments in true scientific and investigative bent of mind.</p> <p>SO5: A microbiologist can contribute tremendously for human welfare especially during the devastating Pandemic as we face today.</p>
5.	B.Sc. Biology	<p>PO1. The learners get knowledge about all living organism.</p> <p>PO2. Biology offered theoretical and practical knowledge about Botany, Zoology and Chemistry.</p> <p>PO3. The students developed scientific thinking and analytical understanding of the issues related to life, nature and environment.</p> <p>PO4 Developed the skill of observation and logical inference through scientific thinking.</p> <p>PO5 the students could avail job opportunities in different fields such as chemical, food and beverage Industries and also in laboratories and research institutes.</p>	<p>SO1. The students acquired eligibility for PG courses.</p> <p>SO2. Helped the development of scientific temper and holistic growth of personality,</p> <p>SO3. Developed awareness about nature, environment and environmental protection and love for birds, animals and aquatic organism.</p> <p>SO4. The students developed keen interest in Bio-composting, Vermi-composting, Butterfly garden development etc.</p>
6.	B.Sc. Maths	<p>PO1. Developed critical thinking among students and enhanced their scientific bent of mind.</p> <p>PO2. The learning contributed to professional development and problem analysis to find out effective solutions to scientific problems.</p> <p>PO3. The students possessed basic knowledge of subjects like physics, chemistry and mathematics required for higher studies, professional courses and management studies.</p> <p>PO4. Enhanced their employability capability in different fields.</p>	<p>SO1. Students are made eligible for admission to PG courses.</p> <p>SO2. Inculcated the power to carry out scientific investigation objectively.</p> <p>SO3. The students could opt for post graduation humanities after B.Sc., but not vice-versa.</p> <p>SO4. The mental faculties were sharpened due to continuous analytical approach to the study of subjects.</p>

7.	B.Sc. Computer Science	<p>PO1. Development of scientific knowledge, problem analysis and investigation of complex problems.</p> <p>PO2. Use of modern technology and tools to write effective reports, documentation and presentation.</p> <p>PO3. Developed eligibility for career opportunities in many industries.</p> <p>PO4. They enhanced the aptitude for jobs due to the knowledge of computer application in almost all branches of science.</p> <p>PO5. Developed qualitative power which made them fit for employment in many innovative projects.</p>	<p>SO1. The students got opportunities for higher education and specialization in computer.</p> <p>SO2. They could show their skills as entrepreneurs, managers, consultants etc.</p> <p>SO3. The obtained capability and efficiency in web designing, software and hardware development, media engagement etc.</p> <p>SO4. They could show their skills in various competitive examination for career development.</p> <p>SO5. The students could display their capability in faster surer and error free performance in jobs.</p>
8.	B.Sc. Home Science	<p>PO1. Inculcated the spirit of science and technologies to increase the quality of life.</p> <p>PO2. Groomed students in professional skills in food and nutrition, textile and clothing, housing and interior decoration, arts and craft, human development, communication technologies.</p> <p>PO3. The program helped the students to develop competence in solving problems related to life skills.</p> <p>PO4. Cultivated the ability to understand the role of various branches of science in individual, family and community relationship.</p> <p>PO5. Acquired professional skills for the economic development of the individual and community at large.</p> <p>PO6. Adopted the technique of pragmatic expression of scientific innovation for the development of the community.</p> <p>PO7. Career opportunities are developed in various fields.</p>	<p>SO1. The programme helped creating human values and spirit of innovation.</p> <p>SO2. Developed communication skills, leadership qualities and team work.</p> <p>SO3. Understood the various aspects and areas of Home Science.</p> <p>SO4. Produced skilled human resources for food industries, hospitals, textile industries etc.</p> <p>SO5. Produced entrepreneurs who developed small and medium enterprises able to provide jobs to others.</p> <p>SO6. They could display their skills as efficient homemaker, social workers, counselors, dietitians, fashion designer etc.</p> <p>SO7. The students could develop their capability as entrepreneurs and start up business and thereby enhancing women empowerment.</p>
9.	M.Sc. Chemistry	<p>PO1. The students consolidated the fundamental principles of various fields related to chemistry.</p>	<p>SO1. Enhance scientific temper and develop research culture.</p>

		<p>PO2. They became deeply aware of their responsibility towards environment and apply the knowledge to mitigate problems related to environmental pollution.</p> <p>PO3. The knowledge of chemistry is helpful to build up small scale industry for developing indigenous products.</p> <p>PO4. Apply various aspects of chemistry in pharmaceuticals, dyes, textiles, polymers, petroleum products etc.</p> <p>PO5. The students inculcate logical thinking to address problems related to environmental pollution and remedies for the same in an effective manner.</p> <p>PO6. They are eligible for employment in a wide variety of industries like pharmaceutical companies, textiles, petroleum, research institutes etc.</p>	<p>SO2. Develop sensitivity towards environment and the need to protect the purity and inviolability of our surroundings.</p> <p>SO3. Deeper awareness about the need to maintain eco-balance at the local and global level. The shortage of O₂ during the critical time of the pandemic is an indicator of the alarming situation in the future.</p>
10.	M.Sc. Botany	<p>PO1. The study of Botany at post graduate level increase and consolidate the understanding of microorganisms including fungi, algae etc.</p> <p>PO2. It increase knowledge about the classification, structure, role and infectious cycle of microbes and fungi.</p> <p>PO3. Students could understand the various plants physiological process in plants, their scientific nomenclature and the medicinal value of plants.</p> <p>PO4. They are able to understand more elaborately the factors leading to environmental degradation and their impact on environment.</p> <p>PO5. The study facilitate the understanding of the concept, types and functions of various ecosystems.</p> <p>PO6. Students can differentiate plants at the morphological, physiological and biochemical level.</p>	<p>SO1. The students can engage in high level Botanical Research at various branches of Botany.</p> <p>SO2. They can engage in income generating activities like horticulture, floriculture, sericulture and seedless fruit plants grafting etc.</p> <p>SO3. Many research avenues are open in agriculture, pharmaceutical industries etc.</p> <p>SO4. Job opportunities are ample in various fields related to Botany and its branches; directly and through competitive examinations.</p>



(Prof. I. A. Siddiqui)
Principal