Name of the programme	Name of Course	Duration of Course	Number of seats sanctioned	Eligibility Criteria
B.Sc. (Hons.)	Chemistry	3	60	Passed 10+2 or equivalent Examination securing a minimum of 50% marks in the aggregate(45% for SC/ST candidates of Haryana only) in the subjects Chemistry, Physics and Biology/Mathematics and must have passed in each of the concerned three subjects (as supported by the Certificate issued by the recognized examining body). Result awaited (Qualifying Exam.) candidates can apply.

1.	Program of study and its duration	B.Sc. (Hons.) Chemistry M.Sc. Chemistry Ph.D. Chemistry
2.	MoU's and collaboration for this programme	NIL
3.	Business houses/Companies which visit campus for recruitment	1. Ecocat- Faridabad 2. United Petrochem-Faridabad
4.	Details of Business Houses/ Companies offering industrial projects/ training	NIL
5.	Projects/ Training offered by University	M. Sc. Projects
6.	Entrepreneurship Opportunities	NIL
7.	Opportunities in Education Sector	Yes
8.	Opportunities as Social Worker	Yes
9.	Opportunities in other nations	Yes
10.	Opportunities as an Academician	Yes
11.	Opportunities for Nation development	Yes
12.	Opportunities as consultant	Yes
13.	Opportunities for self-employment and how programme leads to livelihood?	• Due to industrialization and rapid growth of pharmaceutical companies, number of job opportunities has been increased for the chemists. Self-employed chemists can work as consultants by helping the clients in various industries to solve their problems related to chemistry. • The techniques and skills learned by a chemist in lab practical's can also help their clients to solve the problems. The writing skills and technology assessment can help them to prepare articles for trade and consumer magazines. • The depth knowledge of the chemistry learned during these programme can also help the candidates to start their own coaching institute and can even generate the

		employments to the others.
14.	Role/ Details of specific membership for the programme	NIL
15.	Aptness of the programme with future challenges	The future challenges are: • placements with high package to the students in various industries • to develop international as well as national level collaborations through various exchange programmes • to provide more sophisticated instrumentation facilities
16.	Can program contribute in rural development? How?	Yes • All these programs of chemistry has contributed to rural development. The students learn (including from rural areas) many of the advances in agriculture (e.g., fertilizers, plant growth regulators, pesticides). • The knowledge of appropriate use of fertilizers can increase crop yield and counter balanced loss of land due to urbanization and significantly supported global population growth. • Due to the rapid growth in the advancement of chemistry, farmers in the rural areas can easily access commercially available farm inputs. This will give opportunities for the employment and help to develop entrepreneurship skill in students coming from rural areas. The students can spread the awareness in rural areas about crop preservation in warehouses, environmental and water pollution

17.	Industrial visits related to the program made by students	1. Bony Polymer Faridabad 2. NCB Faridabad

17/8/2021

HOD/Chairperson

Department of Chemistry

University Name

Chairman
Department of Chemistry
J.C. Bose University of Science & Technology YMCA, Faridabad