



**THE ISLAMIA COLLEGE OF SCIENCE AND COMMERCE,**  
**SRINAGAR, KASHMIR- 190 002**  
UGC AUTONOMOUS  
(NAAC ACCREDITED GRADE-A)

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No.ICS/4178-82/A-7/A-35

Dated: 24-02-2020

**CALL TO BRILLIANT MINDS TO THINK DIFFERENTLY**

**ACADEMIC LEAP 2020**

The process of admission for new and existing programmes is going on since 19<sup>th</sup> of Feb., 2020 in the College as per the Admission Notification No.1 of 2020. Till date 2800 applicants have registered for various programmes and registration process will close on 29<sup>th</sup> of Feb.,2020. Final merit lists for various programmes shall be issued on 9<sup>th</sup> of March, 2020.

All such students who aspire to look beyond traditional careers and desire to create a niche for themselves in core areas of **Science / Economics** can seek admission in new programmes launched by College from academic year 2020. They can talk to our rich faculty and see our infrastructure during counselling.

<b>NEW PROGRAMMES FROM 2020 ACADEMIC SESSION</b>				
<b>S. NO.</b>	<b>COURSE</b>	<b>IN-TAKE</b>	<b>COURSE OBJECTIVES</b>	<b>COURSE OUTCOMES</b>
1.	<b>INTEGRATED MASTER IN CHEMISTRY</b>	20	The chemistry curriculum of IPG includes foundation and in-depth course that span the traditional sub-disciplines of chemistry (viz organic, inorganic, physical and analytical chemistry) and integrates concepts across these sub-disciplines. Students will learn <ul style="list-style-type: none"><li>➤ how to think critically and analyse chemical problems.</li><li>➤ the ability to work in teams as well as independently.</li></ul>	<ul style="list-style-type: none"><li>➤ will have a firm foundation in the fundamentals and application of current chemical and scientific theories including those in Analytical, Inorganic, Organic and Physical Chemistries.</li><li>➤ will acquire comprehensive knowledge based on concepts, principles, theories related to advanced and emerging topics of chemistry in addition to current curricular needs</li></ul>
2.	<b>INTEGRATED MASTER IN ZOOLOGY</b>	20	To provide an opportunity to aspiring students for pursuing higher studies in animal sciences within the local socio-cultural setup by providing them an optimum and conducive learning platform and maintaining the academic standards at par with the reputed institutions.	The course will enable the students to develop career in academia, fisheries, apiculture, sericulture, agriculture, horticulture and also work as counsellors/policymakers in wildlife and conservation biology.

3.	<b>INTEGRATED MASTER IN BOTANY</b>	20	<ul style="list-style-type: none"> <li>➤ Course is aimed at systematic and gradual strengthening of knowledge and skills in Botanical studies.</li> <li>➤ Course is also aimed at developing capabilities to excel in competitive exams and world of research.</li> </ul>	<ul style="list-style-type: none"> <li>➤ It is a specialised masters programme which gives students an immense and elaborate understanding of fundamental and applied plant Sciences.</li> <li>➤ Aimed at imbibing tremendous competence among students making them globally employable.</li> <li>➤ After completing this programme students have a wide array of prestigious careers/ job opportunities available which they can undertake and serve the society.</li> </ul>
4.	<b>HONOURS IN BOTANY</b>	80	<ul style="list-style-type: none"> <li>➤ This programme is aimed at laying a strong Botanical knowledge foundation among targeted students, with tremendous competence and resourcefulness.</li> <li>➤ Course is aimed at strengthen his capabilities for upcoming challenges during masters and research studies.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Students get extensive knowledge and deep insight of Plant Sciences.</li> <li>➤ Chisels out high quality human resource with tremendous opportunities.</li> <li>➤ Amplified opportunities to enter prestigious Plant Science Institutions for graduate programmes globally.</li> </ul>
5.	<b>HONOURS IN ZOOLOGY</b>	80	To impart inclusive, advanced, competitive and skills-based knowledge with comprehensive concepts of Zoology to hone the students as per CBCS keeping in view the aspirations of the students changing nature of the subject at global level as well as learning environment	The students will study and acquire complete knowledge of disciplinary as well as biological sciences, which will provide them competitive advantage in pursuing higher studies in different fields like Genetics, Molecular Biology, Immunology, Cancer Biology, Biotechnology, Systems Biology, Structural Biology.
6.	<b>HONOURS IN CHEMISTRY</b>	100	<ul style="list-style-type: none"> <li>➤ General familiarity with the areas of inorganic, organic, analytical and physical chemistry with a firm foundation</li> <li>➤ The ability to work effectively and safely in a laboratory environment.</li> </ul>	<ul style="list-style-type: none"> <li>➤ To critically and ethically evaluate chemical information.</li> <li>➤ Will be able to synthesize, separate and characterize compounds using published reactions, protocols, standard laboratory equipment, and modern instrumentation</li> </ul>
7.	<b>HONOURS IN NANO SCIENCE &amp; NANO TECHNOLOGY</b>	30	<ul style="list-style-type: none"> <li>➤ To inculcate intensive and in-depth learning among students so as to train them to take up wide variety of roles like scientists, researchers, consultants, entrepreneurs, academicians, industry and policy makers.</li> <li>➤ To enhance the level of understanding of the subject among the students at par with other reputed institutions.</li> </ul>	After the completion of the course the students will be able to manage their carriers in various sectors namely Nano-power generating sector, Nano-medicine, Nano-informatics, Stem cell development, nano-toxicology, forensic science, Environmental industry, Space research, Genetics, Nano-pharmacology, Agriculture etc. in addition to the conventional fields like academic, civil services etc.
8.	<b>HONOURS IN ECONOMICS</b>	40	➤ To produce indigenous human resource capable of understanding, analysing, solving	After the completion of the course, students shall be able to develop careers in the field of academia,

			<p>and managing economic problems within the contours of the available resources.</p> <p>➤ To produce competent policy planners, resource managers and economic advisors of our own who shall help the society on economic front in future.</p>	<p>Law, Banking, Insurance, Economic Journalism, Actuarial Science e and prestigious jobs in the Government sectors that include Indian Economic Survey, National Sample Survey, National Council for Applied Economic Research and Institute of Public Finance and Policy et.</p>
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Sd/-  
Principal

c.c.

1. HOD Botany/Zoology/Chemistry/Nano-Science Nano Technology/Economics
2. Convenor Admission Committee
3. Dy. Director, Information Department, Srinagar for favour of publication in the local daily Greater Kashmir and Aftab only in one insertion.
4. Accounts officer
5. IT&SS for uploading on College website
6. Record