

DEPARTMENT OF COMPUTER APPLICATIONS

Govt. College for Women Nawakadal, Srinagar

Various Program Specific and Course Outcomes offered by the Department

S.No.	Program	Program Outcome	Program Specific Outcome	Course Outcome	Fulfilments
1	B.C.A.	Bachelor of Computer Applications.	<ul style="list-style-type: none"> Applying Professional Software engineering and maintenance of software. Career options after BCA after completing BCA, Candidates can apply for the following Profiles: <ul style="list-style-type: none"> Computer Programmer Database Administrator System Administrator Teacher and Lecturer Testers Data Analyst Cryptographer in Data Security, Defence and related fields Specialist officer in Banks Self-employment option is also available. One can do job or can go higher studies like MCA. MCA Post graduates are hired both by Government agencies NTPC, GAIL, BHEL etc., and Private IT Companies like INFOSYS, WIPRO, TCS, etc. They can enter following roles: <ul style="list-style-type: none"> Software Developer System Analyst Hardware Engineer Web Designer and Developer 	<ul style="list-style-type: none"> Students would learn some core programming languages like C/C++, JAVA, Android programming etc. that will help them to develop basic and advanced programming skills. Students would also be introduced to the concepts of Computer Hardware vis-à-vis Computer System Architecture. As a general development, students would be taught English Communication and Environmental Science as well. The students will hone their programming skills further by learning Data Structures, Design & Analysis of Algorithms, and Theory of Computation. The program also comprises of mathematics minors including Discrete Structures and Numerical Methods. The students would also be introduced to some state of the art technologies like Data Mining, Artificial Intelligence, Cloud Computing, and Internet Technologies. Besides, some traditional courses like Operating Systems, DBMS, Computer Graphics would also be covered during the program. Furthermore, there would be Elective and Skill Enhancement Courses as well. In order to help the students to adjust in the software industry, they will also learn about Software Engineering and will submit a Project/Dissertation in partial fulfilment of the requirements for the degree. 	A student need to complete a total of 148 CREDITS.