

## Department of Information, Communication & Technology

## **Bachelor of Computer Applications (BCA) 4Yrs.** Scheme and Syllabus (w.e.f. Academic Session 2024-25)

As per UGC Curriculum & Credit Framework for Undergraduate Programme (CCFUP) (Dec 2022): GGSIP University, Delhi

## **PROGRAMME OUTCOMES (POs)**

It is envisioned that the graduates passing out BCA Programme, should be able to achieve:-

| POs# | DETAILED STATEMENT OF THE POS                                                                                                                                                                                                                                                                                                                                                                            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PO1  | <b>Disciplinary Knowledge</b> : Apply the knowledge of computer application concepts and domain knowledge to solve the problems in IT domain/IT industry                                                                                                                                                                                                                                                 |
| PO2  | <b>Problem Analysis</b> : Identify, formulate, review research literature, and analyse complex computer application problem at their workplace and for the society.                                                                                                                                                                                                                                      |
| PO3  | <b>Design /Development of Solutions</b> : Design and evaluate solutions for computer applications problems, and design theprocesses that meet specified needs with appropriate consideration for the public health, safety, cultural, societal, and environmental considerations.                                                                                                                        |
| PO4  | <b>Modern Tool Usage</b> : Create, select, adapt and apply appropriate techniques, resources, and moderncomputing tools to complex computer application activities, with an understanding of the limitations.                                                                                                                                                                                            |
| PO5  | <b>Professional Ethics</b> : Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices.                                                                                                                                                                                                                                        |
| PO6  | <b>Life-long Learning</b> : Recognize the need, and have the ability, to engage in independent learning forcontinual development as a computing professional.                                                                                                                                                                                                                                            |
| PO7  | <b>Project management and finance</b> : Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, tomanage projects and in multidisciplinary environments.                                                                                                                                                 |
| PO8  | <b>Communication Efficacy with Cooperation/teamwork</b> : Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understandclear instructions. Function effectively as an individual and as a member or a leader. |
| PO9  | <b>Societal and Environmental Concern</b> : Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant toprofessional computing practices.                                                                                                                                              |
| PO10 | <b>Innovation and Entrepreneurship</b> : Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.                                                                                                                                                                                             |



Head of the Department

Department of Information, Communication & Technology

\*Applicable from Academic session 2021-22.