

| GANPAT UNIVERSITY | | | | | | | | | |
|---|--|-------------|------------------|----|-------------------------------------|------------|-----------|-------------|----|
| FACULTY OF SOCIAL SCIENCES AND HUMANITIES | | | | | | | | | |
| Programme | Bachelor of Arts | | | | Branch/Spec. | Psychology | | | |
| Semester | III | | | | Version | 1.0.0.0 | | | |
| Effective from Academic Year | | 2026-27 | | | Effective for the Batch admitted in | | July 2025 | | |
| Course Code | BAEC207 | Course Name | | | Introduction to Cyber Security | | | | |
| Teaching Scheme | | | | | Examination Scheme (Marks) | | | | |
| (Per week) | Lecture (DT) | | Practical (Lab.) | | Total | CE | SEE | Total | |
| | L | TU | P | TW | | | | | |
| Credit | 02 | 00 | 00 | 00 | 02 | Theory | 25 | 25 | 50 |
| Hours | 02 | 00 | 00 | 00 | 02 | Practical | 00 | 00 | 00 |
| Pre-requisites | | | | | | | | | |
| Basic knowledge of computers and mobile devices, including common operating systems and internet usage. | | | | | | | | | |
| Course Objective: | | | | | | | | | |
| Essential components of cyber security, Cyber security threat landscape, Cybercrime and its types, Remedial and mitigation measures | | | | | | | | | |
| Course Outcomes | | | | | | | | | |
| On successful completion of the course, the students will be able to: | | | | | | | | | |
| CO1 | Understand the concept of Cyber security and issues and challenges associated with it. | | | | | | | | |
| CO2 | Learn the cybercrimes, their nature, legal remedies and as to how report the crimes through available platforms and procedures. | | | | | | | | |
| CO3 | Know various privacy and security concerns on online social media and understand the reporting procedure of inappropriate content, underlying legal aspects and best practices for the use of Social media platforms. | | | | | | | | |
| CO4 | Understand the basic security aspects related to Computer and Mobiles. They will be able to use basic tools and technologies to protect their devices. | | | | | | | | |
| Theory Syllabus | | | | | | | | | |
| Unit | Content | | | | | | | Hrs. | |
| 1 | Introduction to Cyber security Defining Cyberspace and Overview of Computer and Web-technology, Architecture of cyberspace, Communication and web technology, Concept of cyber security, Issues and challenges of cyber security. Cybercrime and Cyber law Classification of cybercrimes, Common cybercrimes- cybercrime targeting computers and mobiles, cybercrime against women and children, Reporting of cybercrimes, Organizations dealing with Cybercrime and Cyber security in India. | | | | | | | 15 | |
| 2 | Social Media Overview and Security Introduction to Social networks. Types of social media, Social media platforms, Social media monitoring, Social media privacy, and pitfalls in online social network, Security issues related to social media, Flagging and reporting of inappropriate content. Digital Devices Security, Tools and Technologies for Cyber Security Password policy, Data backup, Downloading and management of third party software, Device security policy, Cyber Security best practices, Management of host firewall and Anti-virus, Configuration of basic security policy and permissions. | | | | | | | 15 | |
| Exam: Theory 100%, Numerical 0% | | | | | | | | | |
| Practical Content | | | | | | | | | |
| Practical, assignments and tutorials are based on above syllabus. | | | | | | | | | |
| Text Books | | | | | | | | | |
| 1 | Nina Godbole and SunitBelpure, Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspectives, Wiley. | | | | | | | | |
| Reference Books | | | | | | | | | |
| 1 | Cyber Security Essentials, James Graham, Richard Howard and Ryan Otson, CRC Press. | | | | | | | | |
| 2 | Introduction to Cyber Security, Chwan-Hwa(john) Wu, J. David Irwin, CRC Press T&F Group. | | | | | | | | |
| ICT/MOOCs Reference | | | | | | | | | |

| 1 | https://kimsbengaluru.edu.in/assets/pdfs/criterias/criteria-1/criteria-1.1.1/Cyber%20security.pdf | | | | | | | | | | | | | | |
|--------------------------------|---|-----|-----|-----|-----|-----|-----|-----|----------------|------|------|------|------|------|--|
| Mapping of CO with PO and PSO: | | | | | | | | | | | | | | | |
| Course Outcome (CO) No. | PO-CO Mapping | | | | | | | | PSO-CO Mapping | | | | | | |
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | |
| CO1 | 3 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | |
| CO2 | 3 | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 3 | 3 | 1 | 2 | |
| CO3 | 3 | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 3 | 3 | 1 | 2 | |
| CO4 | 3 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | |