

# ADITYA DEGREE COLLEGES, ANDHRA PRADESH

## B.Sc. Cyber Forensics

### Cyber Forensics:

Cyber forensics, also known as digital forensics, is a branch of forensic science focused on the investigation and analysis of digital devices and data in order to uncover evidence that can be used in legal proceedings. This field encompasses various techniques and methodologies to collect, preserve, analyze, and present digital evidence in a court of law. Cyber forensic experts often work on cases involving cybercrimes such as hacking, data breaches, intellectual property theft, fraud, and other digital offenses. They use specialized tools and methods to examine computers, mobile devices, networks, and other digital storage media to retrieve information relevant to an investigation. Aditya Degree and PG College offers specialized courses like B.Sc. Forensic Science, M.Sc. Cyber Security, and M.Sc. Digital Forensics & Information Security, preparing students for careers in cyber forensics and cyber security.

### Eligibility:

- Students must have completed their Intermediate Examination (10+2 pattern) with Mathematics, Physics, and Chemistry, or Bi.P.C/PUC with Science group.
- Alternatively, a Diploma with Mathematics, Physics, and Chemistry (any two of these) is also acceptable.

### Core Subjects:

- Networking & Security
- Cyber Tools & Techniques
- Data Recovery Forensics
- Mobile Forensics
- Multimedia Forensics & Speaker Identification
- Ethical Hacking
- Cloud Security & Forensics
- Cyber Law

### Job opportunities:

S.No.	Job role	Expected Salary
1.	Cyber Forensic Consultant	3-5 LPA
2.	Digital Forensic Analyst	3-5 LPA
3.	Cyber Forensic Investigator	3-5 LPA
4.	Cyber Security Specialist	3-5 LPA
5.	Forensic Scientist	3-7 LPA
6.	Forensic Consultant	4-9 LPA
7.	Lecturer Assistant Professor	3-4 LPA
8.	Research Assistant	3-5 LPA

### Higher studies:

- Master of Science (M.Sc.) programs in specialized areas such as Digital Forensics and Information Security, Network Security, and Cybercrime Investigation.
- Additionally, they can explore Master of Science (MS) programs or equivalent degrees abroad, offering advanced training in cybersecurity and digital forensic disciplines.

### Highlights:

- Lab visits to both government and private facilities, engaging in crime scene investigations, and introductions to companies such as Amaravathi Software Innovations.
- Additionally, students are exposed to the practical uses of various cyber forensics tools, providing hands-on experiences that complement the theoretical knowledge gained in the classroom.
- Furthermore, the college offers certification courses such as Mile2 and Cisco.

