

HOW THIS PROGRAMME BENEFITS YOU:

- Cyber Forensics Expertise
- Strong CSE Foundation
- AI & Emerging Technologies
- Hands-on Industry Skills
- Future-Ready Security Domains
- Career & Higher Education

CAREER PATHWAYS:



CYBER FORENSICS & DIGITAL INVESTIGATION

- Digital Forensics Analyst
- Malware Analyst
- Forensic Investigator
- E-Discovery Specialist
- Incident Forensics Responder
- Cyber Crime Analyst

FOCUS AREAS:

	DIGITAL FORENSICS TOOLS	EnCase, FTK, Autopsy, X-Ways Forensics, Cellebrite UFED, Magnet AXIOM
	MALWARE ANALYSIS	Static & Dynamic Analysis, Sandbox, Disassembly, YARA Rules
	MEMORY FORENSICS	Volatility, Rekall, Memory Dump Analysis, Process & Network Artifacts
	E-DISCOVERY & EVIDENCE HANDLING	Legal Hold, Data Preservation, Collection, Chain of Custody, Forensic Imaging
	CYBER LAW & ETHICS	IT Act, GDPR, Evidence Admissibility, Privacy Laws, Professional Ethics

TOP CYBERSECURITY RECRUITERS:

- EY
- Deloitte
- K7 Computing
- PwC
- Accenture
- TCS
- HCL Tech
- SISA

ROLES OF DISTINGUISHED GVP ALUMNI

- Process Engineers
- Scientists and Researchers
- Technical Advisors
- Automation and Process Engineers
- Senior Industry Professionals
- Faculty and Researchers at leading institutions

GVP Estd. 1988



GVPIHLR Estd. 2026

GAYATRI VIDYA PARISHAD INSTITUTE OF HIGHER LEARNING AND RESEARCH

(Deemed to be University under Distinct Category
under section 3 of the UGC Act, 1956)

Kommadi, Madhurawada, Visakhapatnam - 530 048, Andhra Pradesh

School of Computer Science and Engineering

Department of Computer Science and Engineering

B.Tech. (Computer Science and Engineering - Cyberforensics)
(GVPIHLR- North Campus, Kommadi)

Brochure

Vision :

To be a leading center for cyber forensics education by developing skilled, ethical, and responsible professionals who can investigate cybercrimes, protect digital evidence, and address real-world cybersecurity challenges.

Mission :

- To provide quality education in Cyber Forensics and Cybersecurity through practical and experiential learning.
- To develop industry-ready skills through laboratories, projects, internships, and industry interaction.

Contact details:

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ABOUT GVPIHLR:

Gayatri Vidya Parishad (GVP) is established in 1988 with a service motive, committed to develop education in India. The basic aim is

“to promote, establish, maintain and assist or aid in maintaining educational and other institutions with a view to impart education in all branches in general and in Advanced Technology, Management, Education and Science (including Healthcare) in particular and thus to facilitate securing gainful employment for the youth of the country.”

In line with this and in tune with National Educational Policy 2020, the GVP established Gayatri Vidya Parishad Institute of Higher Learning (GVPIHLR), a distinct university that promotes integration of Multidisciplinary, Interdisciplinary and Transdisciplinary fields. It enables the blend of ancient wisdom and traditional values with modern science and technology for the health and well-being of the society among the youth.

GVPIHLR will provide students with an integrative learning experience that transcends conventional disciplinary boundaries and offers abundant opportunities for academic exploration, innovation, and holistic development. It will foster multidisciplinary and transdisciplinary education and research through flexible curricular structures that enable students to creatively combine diverse disciplinary areas of study and pursue emerging areas of knowledge in multidisciplinary contexts.

Through this integrated academic ecosystem, GVPIHLR enable learners attain critical thinking, creativity, innovation, collaboration, and problem-solving, while drawing upon the strengths of diverse disciplines to address complex societal challenges and contribute meaningfully to the advancement of knowledge and the well-being of society.

SCHOOLS UNDER GVPIHLR:

- School of Arts and Humanities
- School of Chemical, Mechanical and Civil Engg.
- School of Electrical and Electronics Engg.
- School of Commerce and Management
- School of Computer Science and Engg.
- School of Sciences

UG PROGRAMS UNDER SCHOOL OF CHEMICAL, MECHANICAL AND CIVIL ENGINEERING:

- B.Tech. in CSE
- B.Tech. in CSE (AIML)
- B.Tech. in CSE (Data Science)
- B.Tech. in CSE (Cyber Security)
- B.Tech. in CSE (Cyber Forensics)
- B.Tech. in IT

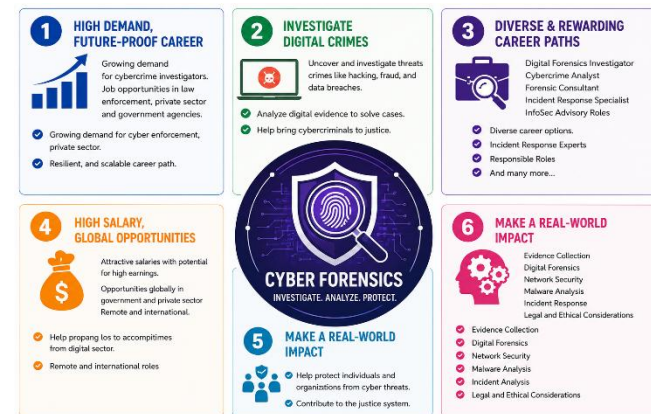
B.TECH. CSE - CYBERFORENSICS AT A GLANCE

WHY CYBERFORENSICS?

In a rapidly digitizing world, cybercrime and digital evidence are growing rapidly. Cyberforensics plays a vital role in investigating cyber incidents, recovering digital evidence, and uncovering the truth behind digital crimes. Our B.Tech CSE (Cyberforensics) program is designed to create future-ready professionals with strong forensic knowledge, hands-on investigation skills, and an ethical mindset to identify, preserve, analyze, and present digital evidence for a secure digital society.

PROGRAMME OBJECTIVES

- Build strong foundations in Computer Science, Cyberforensics, and Digital Investigation.
- Develop expertise in Digital Evidence Acquisition, Analysis, Recovery, and Preservation.
- Equip students with practical skills in Computer, Network, Mobile, Cloud, and Memory Forensics.
- Provide hands-on experience through Forensic Laboratories, Industry Projects, Internships, Case Studies, and Cybercrime Investigations.
- Develop professional skills in Cyber Law, Evidence Handling, Reporting, Ethics, and Digital Investigation to address emerging cybercrime challenges.



PROGRAMME FEATURES

- Professional Core
- Core Electives
- Skill Courses
- Multiple Entry / Multiple Exit
- Open Electives
- MOOCs / SWAYAM
- Honors / Minors
- Choice Based Credit System (CBCS)

CORE LEARNING AREAS/SKILLS

• Digital Forensics Fundamentals, • Cybercrime Investigation • Digital Evidence Acquisition & Analysis • Computer & Network Forensics • Mobile & Cloud Forensics • Malware & Memory Forensics • Incident Response & Cyber Investigation • Cyber Law & Digital Evidence • Forensic Data Recovery & Analysis • OSINT & Cyber Intelligence

MODERN TOOLS & COMPUTATIONAL EXPOSURE

• FTK Imager • EnCase • Autopsy • Magnet AXIOM • Cellebrite UFED • X-Ways Forensics • Volatility • Belkasoft Evidence Center • Oxygen Forensic Detective • Wireshark • NetworkMiner • Ghidra • IDA Pro • Sleuth Kit • ExifTool • Hashcat • HxD

LEARNING BEYOND THE CLASSROOM

• Project based learning • Internships • Workshops • Guest Lectures • Hackathons • Clubs