



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

ABOUT GVP

Gayatri Vidya Parishad Institute of Higher Learning and Research is a distinct university offering both UG and PG programs with the integration of multidisciplinary, interdisciplinary, and transdisciplinary fields. Main features of the university include: Holistic and multidisciplinary education to develop critical capacities in fields across arts & humanities, management, science, engineering, and medicine. Flexibility in curriculum and novel and engaging course options across disciplines. Integration of optimum learning strategies for a personalized learning environment. Multiple Entry / Multiple Exit option—creating possibilities for lifelong learning.

WHY CHOOSE CYBERSECURITY?

- High-Demand Career
- Future-Ready Skills
- Hands-on Learning
- Diverse Career Paths
- Global Opportunities
- Real-World Impact

JOB ROLES

- Cybersecurity Analyst
- Security Engineer
- Ethical Hacker
- Penetration Tester
- SOC Analyst
- Incident Response Analyst
- Malware Analyst
- Network Security Engineer
- Cloud Security Engineer
- Security Consultant
- Threat Intelligence Analyst
- Application Security Engineer
- Cybersecurity Researcher

School of Computer Science and Engineering

B. Tech Computer Science and Engineering

(CYBERSECURITY)

In a rapidly digitizing world, cybersecurity is the key to protecting information, systems, and people. Our B.Tech CSE (Cybersecurity) program is designed to create future-ready professionals with in-depth knowledge, practical skills, and an ethical mindset to defend against cyber threats and build a safer digital world.

Gain extensive hands-on experience through cybersecurity labs, ethical hacking exercises, digital forensics investigations, capture-the-flag (CTF) competitions, hackathons, live projects, Industrial Internships, and Secure Coding Practices using industry-standard tools.

PROGRAM HIGHLIGHTS

- 🌐 IoT (Internet of Things)
- 🔧 Simulate Smart Device Security
- 💻 Programming
- 🔗 Blockchain Technology
- 🔒 Test Secure Data Sharing
- ☁️ Cloud Computing
- 📡 Simulate Cloud-Based Attacks
- 💻 Create Isolated Test Environments
- 📶 Test Wi-Fi Security
- 🌐 Practice Website Attack Scenarios
- 🏠 Network Labs
- 🧠 Detect Threats Using Models
- 🔧 SCADA/ICS
- 🏭 Simulate Industrial System Attacks

YOU WILL DEVELOP

- 🛡️ Ethical Hacking
- 🔍 Penetration Testing
- 🔒 Network Security
- ☁️ Cloud Security
- 🌐 IoT Security
- 🔗 Blockchain Security
- 🤖 AI for Cybersecurity
- 💻 Secure Software Development
- 🔍 Digital Forensics
- 🦠 Malware Analysis
- 📊 Threat Intelligence
- ⚠️ Risk Assessment
- 🚨 Incident Response
- 📜 Cyber Laws & Compliance
- 💡 Critical Thinking & Teamwork

INDUSTRIES THAT HIRE

- IT & Software Companies
- Cybersecurity Consulting Firms
- Banking & Financial Services
- Government Organizations
- DRDO & ISRO
- CERT-In
- Telecom
- Healthcare
- Cloud Service Providers
- E-Commerce

HIGHER EDUCATION OPPORTUNITIES

- M.Tech / M.E. in Cybersecurity
- M.Tech in Information Security
- M.S. in Cybersecurity & Digital Forensics
- M.S. in Information Security
- Ph.D. in Cybersecurity & Digital Forensics
- Professional Certifications & Specializations

WHO CAN APPLY?

Students who have passed 10+2 with Maths, Physics, and Chemistry



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