



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 GVPIHLR

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:

1. Holistic and Multidisciplinary education to develop critical capacities in fields across Arts & Humanities, Management, Science, Engineering and Medicine.
2. Flexibility in curriculum novel and engaging course-options across disciplines.
3. Integration of optimum learning strategies for personalized learning environment.
4. Multiple Entry / Multiple Exit option creating possibilities for Life Long Learning.

WHY CHOOSE B.TECH CSE?



High Career Demand

CSE graduates are sought after across IT, healthcare, finance, manufacturing, education, and emerging sectors.



Future-Focused Curriculum

Learn Programming, AI, ML, Data Science, Cybersecurity, Cloud Computing, IoT, and Software Engineering.



Hands-on Learning

Gain practical experience through coding, projects, hackathons, internships, and industry collaborations.



Excellent Career Opportunities

Explore roles such as Software Engineer, AI/ML Engineer, Data Scientist, Cyber Analyst, Cloud Engineer, Full Stack Developer, and System Architect.



Innovation & Entrepreneurship

Turn ideas into applications, products, and startups that solve real-world problems.



Holistic Development

Develop leadership, teamwork, communication, creativity, entrepreneurship, and lifelong learning skills.



Global Opportunities

CSE skills are recognized worldwide, creating opportunities for higher education and careers across the globe.

B.TECH CSE

COMPUTER SCIENCE & ENGINEERING

Build the Future with Technology

B. TECH CSE - (BUILD THE FUTURE WITH TECHNOLOGY)

Computer Science & Engineering (CSE) drives today's digital transformation through technologies such as AI, Machine Learning, Data Science, Cybersecurity, Cloud Computing, and IoT. The B.Tech CSE program builds a strong foundation in computer science while equipping students with the skills needed to innovate and excel in emerging technologies.

- ✓ Gain practical exposure through projects, hackathons, internships, and online certifications, enabling them to develop industry-relevant technical and problem-solving skills.
- ✓ Industry collaborations provide opportunities for students to work on real-world challenges, interact with professionals, and enhance their career readiness.
- ✓ The B.Tech CSE program equips students with technical expertise, practical skills, and an innovative mindset to thrive in the evolving technology landscape.
- ✓ Encourage students to develop an entrepreneurial mindset, leadership qualities, and collaborative skills through innovation-driven projects, startup initiatives, technical events, and team-based activities, enabling them to create technology solutions and lead successfully in the rapidly evolving digital world.

PROGRAM HIGHLIGHTS

- Programming & Software Engineering
- Core Computer Science
- Artificial Intelligence
- Emerging Technologies
- Industry-Focused Curriculum
- Hands-on Projects & Internships
- Experienced Faculty & Mentorship
- Modern Labs & Infrastructure
- Research & Innovation Opportunities
- Strong Industry Interaction
- Holistic Student Development
- Career Guidance & Placement Support

SKILLS YOU WILL DEVELOP

- Problem Solving
- Team Work
- Programming
- Communication Skills
- Algorithm Design
- Leadership
- Analytical Thinking
- Innovation
- Software Development
- Research Skills
- Database Design
- Project Management

POTENTIAL JOB ROLES

- ✓ Software Engineer
- ✓ Full Stack Developer
- ✓ AI Engineer
- ✓ Machine Learning Engineer
- ✓ Data Scientist
- ✓ Cloud Engineer
- ✓ DevOps Engineer
- ✓ Cyber Security Analyst
- ✓ Software Tester
- ✓ System Analyst
- ✓ Database Administrator
- ✓ Network Engineer
- ✓ Mobile App Developer



INDUSTRIES THAT HIRE

- ✓ Software Companies (Service-Based)
- ✓ Product-Based Companies
- ✓ IT Services
- ✓ Banking & FinTech
- ✓ AI based Healthcare
- ✓ E-Commerce
- ✓ Manufacturing (software and digital transformation roles)
- ✓ Government Organizations
- ✓ Startups
- ✓ Consulting Companies
- ✓ Telecom
- ✓ Research Organizations



HIGHER EDUCATION OPPORTUNITIES

You can pursue:

- ✓ M.Tech
- ✓ MS (India & Abroad)
- ✓ MBA
- ✓ Ph.D.



WHO CAN APPLY?

Students who have completed 10+2 or equivalent (Maths, Physics & Chemistry) from any recognized board are eligible to apply, subject to university admission guidelines.



WHERE INNOVATION MEETS TECHNOLOGY



“Shaping Responsible,
Skilled & Future-Ready
Graduates”



DURATION
4 Years
(8 Semesters)



DEGREE AWARDED
Bachelor of Technology
(B.Tech) in Computer
Science & Engineering



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