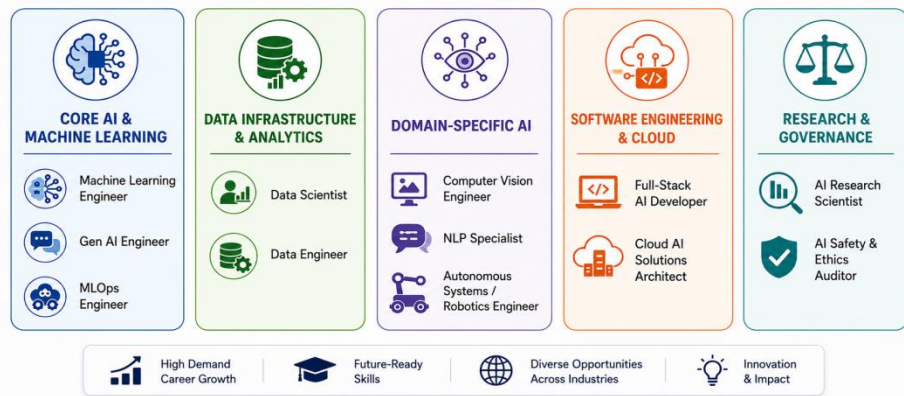


DEPARTMENT ACHIEVEMENTS:

- MoUs with leading Industry and Technology organizations
- Creates opportunities for Innovation
- Students have secured M.Tech. and Ph.D. admissions in leading IITs and NITs
- Students have been selected for paid internships with leading organizations

CAREER PATHWAYS:

B.TECH CSE (AI & ML) – CAREER ROLES



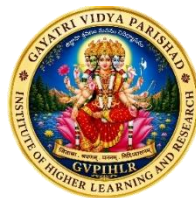
OUR PAST RECRUITERS:

- | | | | |
|---------------|-------------|-------------|-----------------|
| • Accenture | • Amazon | • Capgemini | • Cisco |
| • Cognizant | • Darwinbox | • Deloitte | • FactSet |
| • Flipkart | • Gyandata | • Infosys | • Innocircles |
| • LTIMindtree | • PalTech | • TCS | • Tejas Network |
| • Typeface | • Walmart | • Wipro | • Zoho |

ROLES OF DISTINGUISHED GVP ALUMNI

- System Engineer
- AI & Machine Learning Engineers
- Data Scientists & Analysts
- Application Engineer
- Cloud & DevOps Engineers

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

(Artificial Intelligence & Machine Learning)

B.Tech. Computer Science and Engineering

(Artificial Intelligence & Machine Learning)

(GVPIHLR-North Campus, Kommadi)

Brochure

Vision:

- To evolve into an advanced learning centre of Computer Science and Engineering.

Mission:

- To produce highly qualified and motivated graduates possessing fundamental knowledge of Computer Science and Engineering who can provide leadership and service to the Nation.
- To inculcate professional behaviour, strong ethical values and trans-disciplinary research capabilities in the young minds.

Contact details:

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Mobile: 7013312489 / 9392062318

Email: dssnraju.gvpilhr@gmail.com / saisindhuja.gvpilhr@gmail.com

Website:

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

UG PROGRAMS UNDER SCHOOL OF COMPUTER SCIENCE AND 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

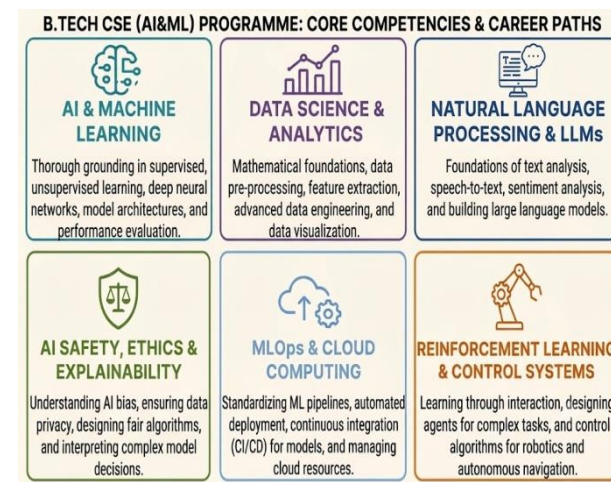
B.TECH. COMPUTER SCIENCE AND ENGINEERING AT A GLANCE

WHY COMPUTER SCIENCE AND ENGINEERING (AI&ML)?

B.Tech CSE (AI & ML) prepares students for the future by combining core Computer Science knowledge with Artificial Intelligence and Machine Learning. Students develop strong practical skills in programming, intelligent systems, data analytics, deep learning, and Generative AI, creating diverse opportunities in industry, research, innovation, higher studies, and entrepreneurship across multiple domains.

PROGRAMME OBJECTIVES

- Build strong foundations in Computer Science, AI, ML, Data Science, and Intelligent Systems.
- Develop industry-ready skills through projects, internships, research, and emerging technologies.
- Promote innovation and entrepreneurship through critical thinking and multidisciplinary collaboration.
- Create socially responsible professionals committed to ethical AI and sustainable technology.
- Empower graduates for successful careers, higher education, research, and lifelong learning.



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 / CORE SKILLS

- Computer Science Foundations
- Mathematical Foundations
- Artificial Intelligence Core
- Machine Learning & Deep Learning
- Natural Language Processing (NLP)
- Computer Vision
- Generative AI
- Large Language Models (LLMs)

CORE SKILLS: • Programming • Data Engineering & Wrangling • Model Development • MLOps & Deployment • Explainability & Responsible AI

MODERN TOOLS & COMPUTATIONAL EXPOSURE

- GitHub Copilot • Claude Code • Interactive Notebooks • Docker • Kubernetes • FastAPI
- LangChain • RAG • Hugging Face • NVIDIA CUDA • Google TPUs • AWS SageMaker

LEARNING BEYOND THE CLASSROOM

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