



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 SCIENCE

(GVPIHLR-SOUTH EAST CAMPUS, RUSHIKONDA)

B.Sc.(Hons) Quantum Computing and Artificial Intelligence

(A Four-Year Undergraduate Honors Program / Five Year Integrated
with multiple Entry and Exit Option)

ABOUT THE PROGRAM

- Provide a strong foundation in Physics, Mathematics, Computer Science, Artificial Intelligence and Quantum Science
- Develop analytical, computational, and problem-solving skills through theory, laboratory work, and scientific computing
- Equip students with programming skills in C, Python, and quantum programming frameworks for simulation and algorithm development
- Build competency in quantum mechanics, quantum computing, quantum communication, quantum information, quantum materials, and quantum sensing
- Promote interdisciplinary learning to solve scientific and technological problems
- Develop research aptitude through laboratory experiments, computational projects, internships, and dissertation work.
- Foster innovation, entrepreneurship, ethical scientific practices, and lifelong learning

BUILD THE FUTURE WITH ARTIFICIAL INTELLIGENCE

- Industry - Oriented Curriculum
- AI & Machine Learning Focus
- Highly Qualified Faculty
- Excellent Placement Support



CAREER OPPORTUNITIES

- AI/ML Engineer
- Data Scientist / Data Analyst
- Software Developer
- Quantum Computing Associate
- Quantum Algorithm Developer
- Cybersecurity & Cryptography Associate
- R&D / Research Assistant

BEYOND CLASSROOM

- Laboratory Training
- Projects & Internships
- Industry Workshops
- Guest Lectures
- Technical Seminars
- Hackathons & Coding Challenges
- Certifications
- Communication & Soft-Skills Training
- NCC – Army & Air Wings
- NSS & Extension Activities



INFRASTRUCTURE



Modern
Computer
Laboratories



Hostel
Facility



Digital
Library



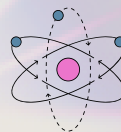
BUS Facility



Campus
Wi-Fi

ELIGIBILITY

- Intermediate or (10+2)
- Mathematics as one subject



HIGHER EDUCATION

- M.Sc. Artificial Intelligence
- M.Sc. Quantum Computing / Quantum Technology
- M.Sc. Computer Science / Data Science
- M.Tech. / MCA in relevant fields
- M.Sc. Physics / Computational Science
- MBA any Stream
- M S Abroad
- Ph.D. in Quantum Computing, AI & related fields
- Research & Academic Careers

GVP PAST RECRUITERS

- | | |
|-----------------|--------------------------|
| • TCS | • Mindtree |
| • Cognizant | • Wipro |
| • Tech Mahindra | • Infosys |
| • Amazon | • Salesforce |
| • ICICI Bank | • Capgemini |
| • D-Mart | • L&T |
| • JIO | • HDB Financial Services |
| • Hansa | • Services |
| • Asian Paints | • Miracle Software |

FOR ADMISSION CONTACT

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