



**Bachelors In Science (Information Technology)
Programme Outcomes**

Sr. No	POs
1	Demonstrate proficiency in programming languages, Data structures, Design and implement software solutions with their technical competence
2	Analyze user requirements and design effective IT systems or applications.
3	Apply system analysis and design methodologies to address complex business challenges.
4	Acquire the skills of Database Management, Networking and Security, Web Technologies
5	Plan, execute, monitor, and control IT projects.
6	Analyze and solve complex IT problems using critical thinking skills.
7	Apply concepts of artificial intelligence, machine learning, cloud computing, and IoT
8	Effectively communicate technical information both orally and in writing.



Bachelors In Science (Information Technology)
Programme Specific Outcomes

Sr. No	PSOs
1	<ul style="list-style-type: none">• Technical Proficiency:<ul style="list-style-type: none">o Demonstrate a comprehensive understanding of fundamental concepts, principles, and technologies in information technology.o Apply programming and software development skills to design and implement IT solutions.
2	<ul style="list-style-type: none">• System Thinking and Analysis:<ul style="list-style-type: none">o Apply system analysis and design methodologies to analyze and address complex problems.o Design and develop IT systems that meet user requirements and organizational needs.
3	<ul style="list-style-type: none">• Database Management:<ul style="list-style-type: none">o Design, implement, and manage relational databases to store and retrieve information effectively.o Demonstrate proficiency in using database management systems and querying languages.
4	<ul style="list-style-type: none">• Networking and Security:<ul style="list-style-type: none">o Understand and implement computer networks, protocols, and security measures.o Evaluate and implement security solutions to protect information systems.
5	<ul style="list-style-type: none">• Web Technologies:<ul style="list-style-type: none">o Develop web applications using a variety of technologies and



Vidya Vikas Education Trust's
Lords Universal College, Goregaon West, Mumbai-400104
Affiliated to University of Mumbai

	<p>programming languages.</p> <ul style="list-style-type: none">o Design and create user interfaces that adhere to web design principles.
6	<ul style="list-style-type: none">● Project Management:<ul style="list-style-type: none">o Apply project management principles to plan, execute, and deliver IT projects.o Demonstrate the ability to work effectively within project teams.
7	<ul style="list-style-type: none">● Emerging Technologies:<ul style="list-style-type: none">o Stay informed about and adapt to emerging technologies in the IT field.o Apply concepts of artificial intelligence, machine learning, cloud computing, and IoT to solve real-world problems.
8	<ul style="list-style-type: none">● Critical Thinking and Problem-Solving:<ul style="list-style-type: none">o Analyze and solve complex IT problems using critical thinking skills.o Apply problem-solving strategies to troubleshoot and resolve technical issues.
9	<ul style="list-style-type: none">● Communication Skills:<ul style="list-style-type: none">o Effectively communicate technical information to diverse audiences, both orally and in writing.o Collaborate with team members and stakeholders to achieve common goals.
10	<ul style="list-style-type: none">● Ethics and Professionalism:<ul style="list-style-type: none">o Demonstrate ethical behavior and professionalism in all aspects of the IT profession.o Adhere to ethical standards and legal considerations related to information technology.