

New Horizon College		
Dual qualification & VAP Career Opportunities/ Outcomes		
Program	Course	Outcome/ Career Opportunities
BCA Executive + Global Certification	Cyber Security with Ethical Hacking- International Institution Certificate -3 years	<p>Course Outcomes</p> <p>Understand core concepts of cybersecurity, including network security, cryptography, and threat management.</p> <p>Gain practical knowledge of ethical hacking techniques aligned with standards of EC-Council.</p> <p>Identify vulnerabilities and perform penetration testing to secure systems and networks.</p> <p>Learn to use security tools for monitoring, risk assessment, and incident response.</p> <p>Develop skills in protecting data, applications, and IT infrastructure from cyber threats.</p> <p>Career Opportunities</p> <p>Cyber Security Analyst</p> <p>Ethical Hacker / Penetration Tester</p> <p>Information Security Analyst</p> <p>Network Security Engineer</p> <p>Security Consultant</p> <p>SOC (Security Operations Center) Analyst</p>

BCA Executive + Global Certification	Cloud Computing	<p>Course Outcomes</p> <p>Understand core concepts of cloud computing, including IaaS, PaaS, and SaaS models.</p> <p>Gain hands-on knowledge of cloud platforms such as Amazon Web Services, Microsoft Azure, and Google Cloud Platform.</p> <p>Learn to deploy, manage, and secure applications and data in cloud environments.</p> <p>Apply cloud solutions for scalability, storage, and business continuity.</p> <p>Develop skills in virtualization, cloud security, and cost optimization techniques.</p> <p>Career Opportunities</p> <p>Cloud Engineer</p> <p>Cloud Support Associate</p> <p>DevOps Engineer</p> <p>System Administrator</p> <p>Cloud Solutions Architect (Entry Level)</p> <p>IT Infrastructure Analyst</p>
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BCA Executive + Global Certifica tion	AI & Machine Learning	<p>Course Outcomes</p> <p>Understand fundamental concepts of Artificial Intelligence and Machine Learning.</p> <p>Develop skills in data analysis, model building, and predictive analytics using tools like Python and TensorFlow.</p> <p>Apply machine learning algorithms for classification, regression, and clustering problems.</p> <p>Gain hands-on experience in building AI models for real-world applications.</p> <p>Understand ethical considerations and best practices in AI implementation.</p> <p>Career Opportunities</p> <p>Machine Learning Engineer</p> <p>AI Developer</p> <p>Data Scientist</p> <p>Data Analyst</p> <p>AI Research Assistant</p> <p>Business Intelligence Developer</p>
Professional Stream Value Added Program		
BCA	Foreign Language - French / German / Japanese	<p>Students can opt any one of the foreign languages mentioned. Knowledge of foreign language can help students to work in an MNC that widely uses the languages taught.</p>
BCA	Full Stack Web Development (Basics)	<p>Course Outcomes</p> <p>Understand fundamentals of front-end and back-end web development.</p> <p>Develop interactive web pages using HTML, CSS, and JavaScript.</p> <p>Gain basic programming skills using tools like JavaScript and Node.js.</p> <p>Learn to design and connect databases for dynamic web applications.</p> <p>Build and deploy simple full stack applications for real-world use cases.</p> <p>Career Opportunities</p> <p>Web Developer (Junior)</p> <p>Front-End Developer</p> <p>Back-End Developer (Entry Level)</p> <p>Full Stack Developer (Beginner Level)</p> <p>Software Developer Trainee</p> <p>UI Developer</p>

<p>BCA</p>	<p>Cybersecurity Fundamentals & Ethical Hacking</p>	<p>Course Outcomes Understand fundamental concepts of cybersecurity, including network security, cryptography, and cyber threats. Gain practical exposure to ethical hacking techniques aligned with standards of EC-Council. Identify system vulnerabilities and perform basic penetration testing. Learn to use security tools for threat detection, risk assessment, and incident response. Develop skills to secure networks, applications, and data from cyber attacks.</p> <p>Career Opportunities Cyber Security Analyst Ethical Hacker / Penetration Tester Information Security Analyst Network Security Engineer Security Consultant SOC (Security Operations Center) Analyst</p>
<p>BCA</p>	<p>Cloud Computing Fundamentals</p>	<p>Course Outcomes Understand core concepts of cloud computing, including IaaS, PaaS, and SaaS service models. Gain foundational knowledge of cloud platforms such as Amazon Web Services, Microsoft Azure, and Google Cloud Platform. Learn basics of deploying, managing, and storing data in cloud environments. Understand cloud security, virtualization, and scalability concepts. Develop skills to support cloud-based applications and infrastructure.</p> <p>Career Opportunities Cloud Support Associate Junior Cloud Engineer System Administrator IT Support Executive Cloud Operations Executive Technical Support Engineer</p>

<p>BCA</p>	<p>Software Testing & Automation Basics</p>	<p>Course Outcomes Understand fundamentals of software testing, including manual and automated testing approaches. Learn testing techniques such as unit testing, integration testing, system testing, and UAT. Gain hands-on exposure to automation tools like Selenium. Develop skills in writing test cases, bug tracking, and quality assurance processes. Understand software development life cycle (SDLC) and testing life cycle (STLC). Career Opportunities Software Tester QA Analyst Automation Test Engineer (Entry Level) Manual Tester QA Executive Test Engineer</p>
<p>BCA</p>	<p>Agentic AI</p>	<p>Course Outcomes Understand the concept of Agentic AI and autonomous decision-making systems. Gain hands-on experience with AI agents using tools like LangChain and OpenAI API. Design and deploy intelligent agents for task automation and workflow optimization. Integrate AI agents with business applications for real-time decision-making. Develop skills in prompt engineering, multi-agent systems, and ethical AI usage. Career Opportunities AI Engineer AI Agent Developer Automation Specialist Machine Learning Engineer Business Process Automation Analyst AI Solutions Consultant</p>
<p>* Companies who recruit above qualified students Deloitte, Amazon, Facebook, GlaxoSmithkline, Apple, Goldman Sachs, PWC, Genpact, EY, Microsoft, J P Morgan, IBM, KPMG, Cipla, Google, Accenture</p>		