BACHELOR IN SOFTWARE DEVELOPMENT

Software Development is the process of designing, creating, testing, and administering software applications, systems, or platforms to meet specific user needs or business goals. It involves a well-defined framework, including planning, coding, debugging, and deployment, often mentored by methodologies like Agile or Waterfall. Developers use programming languages, frameworks, and tools to build solutions ranging from mobile apps to enterprise software. As technology proliferates digital transformation, software development has become the key pillar of innovation, enabling automation, flexibility, and efficiency across industries.

INTRODUCTION OF THE SECTOR

The Bachelor in Software Development is a comprehensive program designed to enable students with the technical competency and analytical skills required to build, maintain,and optimize software applications. Software development is a iterative process that involves conceiving, designing, programming, testing, and maintaining applications, frameworks, and systems that drive modern technology. This discipline includes both application development and system software engineering, ensuring that students gain versatile understanding of the software lifecycle.

JOB ROLE

A Bachelor in Software Development offers various career opportunities in the tech industry. Graduates can become Software Developers, creating applications for various platforms, or specialize as Front-end, Backend, or Full-Stack Developers in web development. Opportunities also deployed as Mobile or Desktop Developers, crafting user-friendly applications. Those interested in data management can work as Database Administrators, Data Scientists, or Big Data Developers, handling critical information. Advanced roles include IT Architects, Network Administrators, and Systems Analysts, focusing on system efficiency and security.

SEMESTER- I

Course Code	Course Name	Credits
GE 1.1	Functional English	2
GE 1.2	Computing Skills and Digital Literacy	2
GE 1.1	IT Foundations and Programming Concepts	2
GE 1.2	Web Designing	2
GE 1.3	Programming in Python	2
SD T1	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER- II

Course Code	Course Name	Credits
GE 2.1	Communication Skills	2
GE 2.2	Environmental Studies	2
GE 2.1	Database Management Systems	2
GE 2.2	Object Oriented Programming with Python	2
GE 2.3	Computer Communication and Networks	2
SD T2	Skill Training	12
CDPNE	*Domain Practicum	NC

Semester-Wise Courses Curriculum

SEMESTER- III

Course Code	Course Name	Credits
GE 3.1	Financial Literacy	2
GE 3.2	Basics of Legal and HR Policies	2
GE 3.1	Programming with Visual Basic.Net	2
GE 3.2	Data Structure	2
GE3.3	Web Development using PHP	2
SD ST3	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER- IV

Course Code	Course Name	Credits
GE 4.1	Design Thinking	2
GE 4.2	Organizational Behaviour	2
GE 4.1	Object Oriented Programming with JAVA	2
GE 4.2	Linux Operating System-Operations and Management	2
GE 4.3	Software Engineering	2
SD ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

Semester-Wise Courses Curriculum

SEMESTER- V

Course Code	Course Name	Credits
GE 5.1	Health and Wellness	2
GE 5.2	Personal Grooming	2
SD 5.1	Concepts of Data Mining	2
SD 5.2	Software Testing and Project Management	2
SD 5.3	Multimedia Tools and Applications	2
SD ST5	Skill Training	12
CDPNE	*Domain Practicum	NC

SEMESTER- VI

Course Code	Course Name	Credits
GE 4.1	Entrepreneurship	2
GE 4.2	Employment Readiness	2
GE 4.1	Android Mobile Application Development	2
GE 4.2	Technology Trends in IT	2
GE 4.3	Web Application Development with ASP.NET MVC and C#	2
SD ST4	Skill Training	12
CDPNE	*Domain Practicum	NC

Tuition Fee and Financing

* Domain Practicum- "Compulsory and Non-Credit, non-evaluative component"
- The Skill Training component is 50% to 60% ranging from 600 hours to 720 hours per year depending upon the industry requirement
- Programme fees: Rs. 52,800/-per annum
- Examination fees: Rs. 1,600/- per semester and Rs. 3,200/- per annum
- Caution Deposit (Refundable): Rs.5000/-
- Convocation Fees: Rs.2000/- (In absentia Rs.2500/-)

Easy Step to Enroll

Career Counselling

Career in Software Development will reach out to understand the eligibility. If a student is eligible for an acceptance letter.
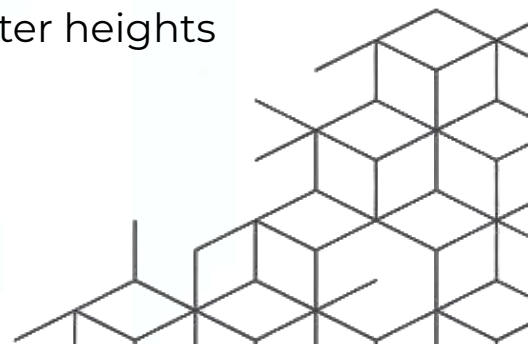
Easy Registration

After receiving an acceptance letter student can book their seats by paying the amount.

Start Up Skilling

Start your learning journey with Skill Arbitrage and unlock your potential to reach greater heights in the field of Software Development.

GALLERY

Thank You!

For any queries related to our courses prior to enrollment, please contact us on the below:

Contact Number: 📞 +91 8595901848, 8595901849

CHAT WITH US ON WHATSAPP

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