



VIT

BANGALORE



SHAPING FUTURE INSPIRING INNOVATION

At **VIT Bangalore**, we believe in the power of education to transform lives and propel society forward. As a premier institution of higher learning we are committed to providing excellence in education, fostering innovation, and nurturing leaders of tomorrow. Situated in the vibrant city of Bangalore, known as the Silicon Valley of India, our campus pulsates with energy, creativity, and a spirit of exploration.



READY TO KICK-START YOUR CAREER?



Get Course Counselling



Live Sessions for Courses



Lab Access for Projects



Industry-Recognised Certification



Get Placement Assistance

COURSE CURRICULUM

AWS

Introduction to AWS
Design High-Performing Architectures
AWS Foundational Services
Design Secure Applications and Architectures
Design Resilient Architectures
Design Cost-Optimised Architectures

Tech Essentials

Core Java Fundamentals
Language - Other Concepts
Object Oriented Programming
Language Advanced Concepts

Core Java

Introduction to Programming
Introduction to Object-Oriented Programming
Introduction to Web
HTML & CSS
Introduction to JavaScript
Introduction to Operating System
Introduction to Databases
Introduction to Networking
Shell Scripting



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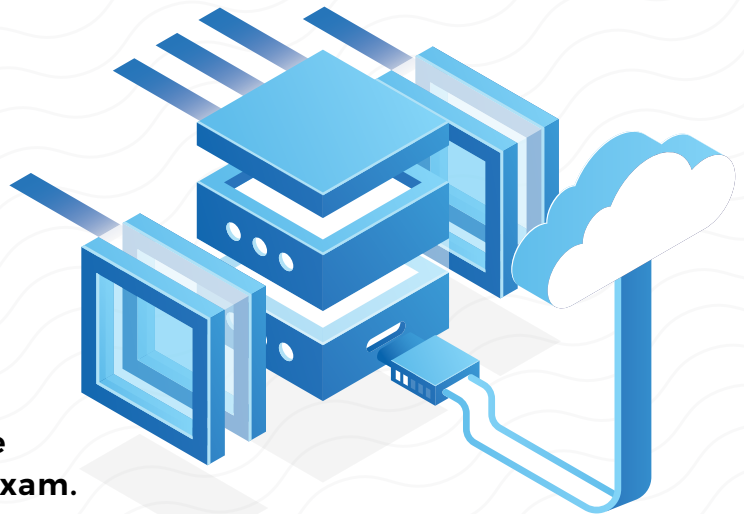
AWS ARCHITECTING

Gain hands-on lab experience in foundational AWS, understand how they work, and how they integrate with cloud-based solutions.

We help you learn about the major services of Amazon Web Services (AWS) with hands-on lab experience, practice questions, and conceptual understanding.

Learners of our Architecting on AWS course are eligible for the NASSCOM FutureSkills Prime initiative, a first-of-its-kind incentive program for digital upskilling. Learners who upskill themselves with the AWS Architecting Course are eligible for up to ₹14,500* incentive from FutureSkills Prime & Government of India.

The Architecting on AWS course is designed to help you prepare for the AWS Solutions Architect Associate exam.



CONTENT (Total learning: 25 lessons | Duration: 150 hours)

- Introduction and History of AWS
- AWS Foundational Services
- Design Resilient Architectures
- Design High-Performing Architectures
- Design Secure Applications and Architectures
- Design Cost-Optimised Architectures



Additional access to basic essential course (Total learning: 50+ lessons | Duration: 250 hours)

- Basics of Programming, Web, Databases, Operating Systems, and Networking
- Aptitude with quantitative + verbal + reasoning
- 100+ hours training for learners who need extra training



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AWS CLOUD PRACTITIONER ESSENTIALS

Our AWS Cloud Practitioner Essentials course is designed for individuals (beginner or experienced) new to the cloud and provides learners with a fundamental understanding of AWS Cloud concepts. We help you understand the benefits of AWS Cloud, the basics of its global infrastructure and also help you understand and define the financial benefits of AWS Cloud.

This course prepares you for AWS Cloud Practitioner exam.



CONTENT (Total learning: 58 lessons | Duration: 50 hours)

- Introduction to AWS
- Compute in the Cloud
- Global Infrastructure and Reliability
- Networking
- Storage and Databases
- Security
- Monitoring and Analytics
- Pricing and Support
- Migration and Innovation
- The Cloud Journey
- AWS Certified Cloud Practitioner Basics



Additional access to basic essential course (Total learning: 50+ lessons | Duration: 250 hours)

- Basics of Programming, Web, Databases, Operating Systems, and Networking
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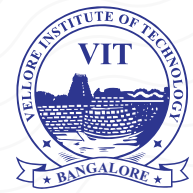
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FULL STACK USING MERN

This extensive course is designed for any undergraduate or job seeker to enhance their technical knowledge and master the front-end as well as the back-end web application development. Aspirants will learn how to design, develop, modify, and debug their application's code according to functional, non-functional, and technical design specifications of web application development, using the MERN full stack.

This course is designed to train you to be an expert in MongoDB, Express, React, and Node. You will learn and use JavaScript, HTML, CSS and Node.js to handle your application operations. The course will also teach you to build user interfaces for the web and connect them with powerful back-end APIs using the MERN stack.



CONTENT (Total learning: 66 lessons | Duration: 200 hours)

- HTML/HTMLS
- CSS3
- Bootstrap
- JavaScript
- MongoDB - a document database
- Express(js) - Node.js' web framework
- React(js) - a client-side JavaScript framework
- Node(js) - the premier JavaScript web server



Additional access to basic essential course (Total learning: 50+ lessons | Duration: 250 hours)

- Basics of Programming, Web, Databases, Operating Systems, and Networking
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VIT-B ADVANTAGE

**An Internationally
Recognised Institution**

**Accredited advanced
technical courses
worldwide**

**Well-researched
educational materials**

**Training at Basic to
Advanced Levels**

**Personalized Training
Plans**

**Ezceptionally Skilled &
Committed Trainers**

**Expertise in Diversified
Domains**

JOB OPPORTUNITIES

- **Cloud Support Engineer**
- **Cloud Support Associate**
- **Cloud Practioner**
- **Cloud Software Engineer**
- **Cloud Developer**

GET IN TOUCH



Our website embodies the spirit of VIT Bangalore – dynamic, user-friendly, and informative. With its sleek design and intuitive navigation, visitors can easily access information about our programs, courses, faculty, past events, and more. Whether you're a prospective student, parent, faculty member, or industry partner, we invite you to explore our website and discover what makes VIT Bangalore a truly exceptional institution. Join us as we embark on a journey of learning, innovation, and excellence.



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