शासकीय कंप्यूटर प्रशिक्षण बोर्ड

Shaskiya Computer Training Board

( Run By GSIDC Nagpur )

CERTIFICATE COURSE | IT & TECHNOLOGY SECTOR

# Full Stack Development

Learn to build and connect the key parts of modern websites and web applications.




| DURATION | ELIGIBILITY | SUBJECTS | CERTIFICATE |
|---|---|---|---|
| 6 Months | 12th Pass | 6 | SCT Board |

sctboard.in

## About the Program

The Full Stack Development course is a six-month programme in the IT & Technology sector. It introduces students to the main parts of web application development, from creating website interfaces to working with server-side features and databases. Lessons cover core concepts and practical topics that help students understand how these parts work together.

Students study frontend development, backend development, database management, REST APIs and web security, then apply their learning through a full stack project. The course is intended to build foundational technical skills and encourage structured problem-solving. The teaching mode, assessment schedule and study arrangements can be confirmed with an SCT Board authorised study centre.

01

**6 Subjects**
All important topics of the course together

**6 Months Total**
Practical lab training along with theory

02

03

**12th Pass**
Minimum eligibility

**Online Exam**
Online exam and result at the end of the course

04

05

**Board Certificate**
Marksheet and certificate, online verification

### Who is this course for?

- 10th pass students
- 12th pass students
- Aspiring web developers
- Computer skills learners

## Program Highlights

01
**Frontend Fundamentals**
Explore HTML, CSS and JavaScript for creating website interfaces.

02
**Backend Basics**
Learn how server-side code supports web application features.

03
### Database Learning
Understand how applications organise and manage data.

04
### REST API Concepts
Study how web applications exchange data through APIs.

05
### Security Awareness
Learn foundational practices for safer web application development.

06
### Project Practice
Bring course concepts together in a full stack project.

## Program Curriculum

Full Stack Development · 6 Months · 6 Subjects

MODULE 01

### Module 1: Frontend Development (HTML, CSS, JS)
Subject Code: FSD101 | Theory | Marks (Pass/Max): Theory 35/100
» HTML structure
» CSS styling
» JavaScript basics
» Responsive layouts

MODULE 02

### Module 2: Backend Development
Subject Code: FSD102 | Theory | Marks (Pass/Max): Theory 35/100
» Server-side concepts
» Request handling
» Application logic
» Backend integration

MODULE 03

### Module 3: Database Management
Subject Code: FSD103 | Theory | Marks (Pass/Max): Theory 35/100
» Database fundamentals
» Tables and records
» Queries
» Data operations

MODULE 04

### Module 4: REST APIs
Subject Code: FSD104 | Theory | Marks (Pass/Max): Theory 35/100
» API fundamentals
» HTTP methods
» Request and response
» JSON data

MODULE 05

## Module 5: Web Security

Subject Code: FSD105 | Theory | Marks (Pass/Max): Theory 35/100

- » Common web risks
- » Input validation
- » Authentication basics
- » Secure coding practices

MODULE 06

## Module 6: Full Stack Project

Subject Code: FSD106 | Theory | Marks (Pass/Max): Theory 35/100

- » Project planning
- » Interface development
- » Backend and database integration
- » Testing and presentation

## Skills & Tools

You will work hands-on with these during the course.

| | | | |
|---|---|---|---|
| **HTML** | **CSS** | **JavaScript** | **Backend Development** |
| **Database Management** | **REST APIs** | **Web Security** | **Project Integration** |

## Career Opportunities

After the course you can work in these fields.

**Junior Frontend Developer**
Works on website interfaces at technology companies or digital agencies.

**Web Developer**
Builds and maintains websites for businesses, agencies or organisations.

**Backend Developer Trainee**
Supports server-side development teams at software firms.

**Web Application Tester**
Checks website features and reports issues for development teams.

**Website Support Assistant**
Helps maintain websites for businesses, institutions or service providers.

**Freelance Web Project Assistant**
Supports small website projects for clients or local businesses.

## Get Certified

After completing the course and passing the online exam, the Shaskiya Computer Training Board marksheet and certificate are given, which are verified on the website with a QR code.




## FAQs

**What is the minimum eligibility for this course?**
The minimum qualification is 10th Pass. Contact an SCT Board authorised study centre to confirm admission requirements and any documents needed.

**How long is the Full Stack Development course?**
The course duration is six months. For the batch calendar and class schedule, check with an SCT Board authorised study centre.

**What is the mode of study?**
Study mode and practical arrangements may vary by centre. Contact an SCT Board authorised study centre to learn about the options available at your preferred location.

**Is there an exam or assessment?**
Assessment arrangements and schedules are set by the board. Ask your authorised study centre about the assessment format and requirements for this course.

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## Shaskiya Computer Training Board

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# LET'S TALK


| | |
|---|---|
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**For admission: sctboard.in/addmission-form**