शासकीय कंप्यूटर प्रशिक्षण बोर्ड

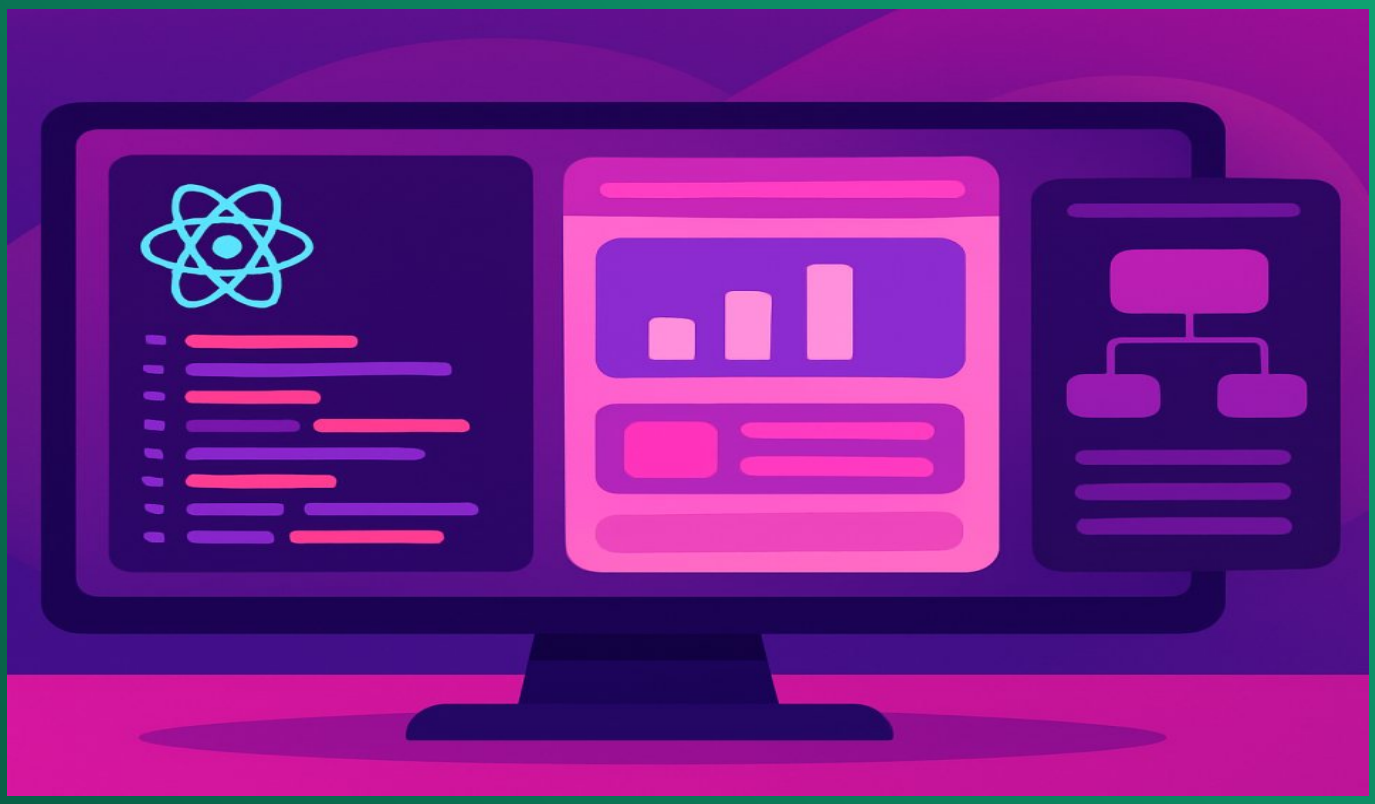
Shaskiya Computer Training Board

(Run By GSIDC Nagpur)

CERTIFICATE COURSE | IT & TECHNOLOGY SECTOR

React.js/Angular Development

Learn to build interactive web interfaces with modern JavaScript frameworks.



DURATION	ELIGIBILITY	SUBJECTS	CERTIFICATE
4 Months	12th Pass	6	SCT Board

sctboard.in

About the Program

This four-month course introduces students to JavaScript ES6 and modern frontend development. You will study React.js and Angular, learn how component-based development organises interface code, and explore how websites connect with APIs. The course is designed to build practical understanding through guided learning and a frontend project.

Students learn key concepts step by step, from writing JavaScript to creating and connecting interface components. The subjects cover both React.js and Angular, giving learners experience with two widely used frontend frameworks. A project helps students apply course topics. Ask an authorised SCT Board study centre about available study mode, assessment details and learning support.

01 — **6 Subjects**
All important topics of the course together

4 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?

- 12th pass students
- Aspiring frontend developers
- Computer course learners
- Working professionals

Program Highlights

01
Four-Month Course
Study frontend development through a structured four-month course.

02
JavaScript ES6
Learn core modern JavaScript concepts used in frontend development.

03
React.js and Angular
Explore two frameworks for building interactive web interfaces.

04
Component-Based Learning
Understand how interfaces can be organised into reusable components.

05
API Integration
Learn how frontend applications connect with data services.

06
Frontend Project
Apply course concepts by working on a frontend project.

Program Curriculum

React.js/Angular Development · 4 Months · 6 Subjects

MODULE 01

Module 1: JavaScript ES6
Subject Code: RAD101 | Theory | Marks (Pass/Max): Theory 35/100
- » Variables and data types
- » Arrow functions
- » Template literals
- » Promises and modules

MODULE 02

Module 2: React.js Framework
Subject Code: RAD102 | Theory | Marks (Pass/Max): Theory 35/100
- » React components
- » JSX basics
- » Props and state
- » Event handling

MODULE 03

Module 3: Angular Framework
Subject Code: RAD103 | Theory | Marks (Pass/Max): Theory 35/100
- » Angular project structure
- » Components and templates
- » Services and dependency injection
- » Routing basics

MODULE 04

Module 4: Component Based Development
Subject Code: RAD104 | Theory | Marks (Pass/Max): Theory 35/100
- » Component structure
- » Reusable components
- » Data flow
- » Component lifecycle concepts

MODULE 05

Module 5: API Integration

Subject Code: RAD105 | Theory | Marks (Pass/Max): Theory 35/100

» HTTP requests
» JSON data
» Fetching API data
» Handling responses and errors

MODULE 06

Module 6: Frontend Project

Subject Code: RAD106 | Theory | Marks (Pass/Max): Theory 35/100

» Project planning
» Interface development
» API connection
» Testing and presentation

Skills & Tools

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

JavaScript ES6	**React.js**	**Angular**	**Components**
API Integration	**HTML**	**CSS**	**Git**

Career Opportunities

After the course you can work in these fields.

Frontend Developer
Works on website interfaces at software firms, agencies or product teams.

Junior React Developer
Helps build and maintain React interfaces in web development teams.

Junior Angular Developer
Supports Angular application development in software companies or digital agencies.

Web UI Developer
Creates and updates user interfaces for websites and web applications.

Frontend Intern
Assists development teams with interface tasks at companies or startups.

Web Application Developer
Contributes to browser-based applications in software and technology organisations.

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 listed minimum qualification is 12th Pass. Contact an authorised SCT Board study centre to confirm any additional admission requirements.

How long is the course?
The course duration is four months. Ask your authorised study centre for the current class schedule.

What is the mode of study?
Study mode and availability may differ by centre. Please contact an authorised SCT Board study centre to confirm the options offered.

How is the course exam conducted?
Assessment and exam arrangements should be confirmed with your authorised study centre, as it can provide the current course assessment details.

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LET'S TALK

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For admission: sctboard.in/addmission-form