



Syllabus for the post of SENIOR TECHNICAL ASSISTANT (Computer Science & Engineering)
(WRITTEN TEST & SKILL TEST)

Basics of Web
<ul style="list-style-type: none">- Internet and World Wide Web- HTTP Servers- HTTP Sessions- SSL Certificates- HTTP and HTTPS Protocols- Web Browsers- URL- HTTP Error Codes
Front End Technologies:
<ul style="list-style-type: none">- HTML5- JavaScript and DOM- JQuery and TypeScript- Ajax- CSS, Responsive Design, and Bootstrap- Layout
Back-end Technologies:
<ul style="list-style-type: none">- PHP, Asp.Net, JSP, Ruby on Rails,- REST API, XML, JSON- Node.js, NPM
Platforms and Servers:
<ul style="list-style-type: none">- IIS, Apache, Nginx,- Linux and Window Hosting- Working with Virtual Machines,- Understanding of Chrome and Firefox Developer Tools
Programming Languages:
<ul style="list-style-type: none">- PHP, C#, Java, Python- Object-Oriented Design Principles
Library and Framework:
<ul style="list-style-type: none">- WordPress or any CMS- ReactJS, AngularJS
SEO
<ul style="list-style-type: none">- Basic SEO techniques, URL Routing
Database:
<ul style="list-style-type: none">- Knowledge of SQL Query and Connectivity with frontend- MySQL, PGSQL, MS SQL Server- NoSQL Databases, MongoDB
Source Control and Versioning:
<ul style="list-style-type: none">- Git Commands