

# IPEC ACM STUDENT CHAPTER

## SIG-WEB 2020-2021

- Understand the basics of HTML and CSS.
- Understand Intermediate concepts of HTML and CSS.
- Learn the concept of using CSS Libraries and learn Bootstrap v4.
- Learn various CSS animation concepts.
- Implement SVG and animation concepts using SVG.
- Introduction to JavaScript (ES6).
- Intermediate concepts of JavaScript.
- Understand the Front-end Frameworks.
- Learn the basics of React.
- Starting with backend development using NodeJS.
- Understand some basic concepts of NoSQL i.e. MongoDB.
- NodeJS and Express.
- Learn Template engines – EJS.
- The Concepts of Restful API using NodeJS.
- What is the NPM repository and pathway to Open Source.

**TENTATIVE IDEAS:** AdobeXD for designers / Faster HTML using Emmet.

**PROJECT:** A Web Development Project.