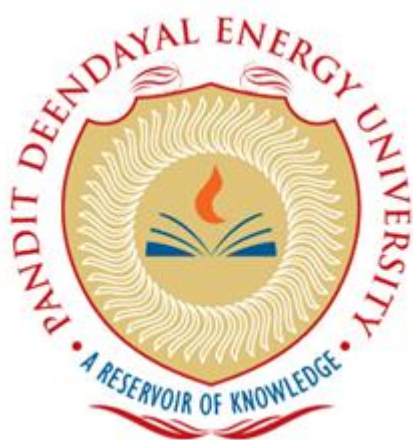


WEB TECHNOLOGY LAB - FILE



NAME: Purab Patel

ROLL NO: 21BIT041

DIV: 1 – H2

SUB: Web technology (23IC301T)

Department of Information and Communication Technology

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Submitted to

Shivangi Mehta & Dr. Pawan Sharma

Professor

ICT

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| Sr no | Experiments | date | Sign |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|
| 1. | Build web pages for your college with course details, departments, faculties, and the library. Use HTML href and list tags. | | |
| 2. | Develop a web page showing your class timetable using HTML tables. | | |
| 3. | A) To create user Student feedback form (use textbox, text area , checkbox, radio button, select box etc.) B) To create a web page using frame. Divide the page into two parts with Navigation links on left hand side of page (width=20%) and content page on right hand side of page (width = 80%). On clicking the navigation Links corresponding content must be shown on the right hand side. Content of the webpage should be your resume. | | |
| 4. | A) To use Inline CSS to format your resume. B) To use External CSS to format your class timetable as you created. | | |
| 5. | A) To implement Validation in above Feedback Form. B) To use regular expressions for validation in Feedback Form. | | |
| 6 | Install & Configure Visual Studio Code as an IDE, setup an environment for React by downloading Node.js and install React framework along with its packages. Understand the folder structure used by React and develop a “Hello World Application”. | | |
| 7. | Implement React Routing for navigating 5 different webpages. Design a responsive navbar in ReactJS by using media queries, Material-UI/React-Bootstrap. | | |
| 8. | Create React Sidebar Navigation Menu for a webpage. Implement the concept of React Hooks for backward compatibility and faster user experience. | | |

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| 9. | Create simple cards using MaterialUI and React. Use animations to make it more attractive | | |
| 10. | Design an attractive Login and Registration form using Material-UI. Use Validations to validate the errors and prompt the errors on the webpage | | |