Dharmsinh Desai University, Nadiad
Faculty of Technology,
Department of Computer Engineering

B.Tech. CE Semester – V

Subject: Advanced Technologies

Practical List

Sr. No.	Objective
1	Study of HTML5 tags: bdi, canvas, data, datalist, details, dialog, embed, picture, figcaption, figure, nav, header, footer, article, section, main, aside, summary, template, time, mark, meter, output, progress, source, audio, video, track. **Exercise:** Design a Website of your choice using new HTML5 tags. Design Home, Sign Up, Contact, and About pages.
2	Study of HTML5 APIs: Geolocation, Drag and Drop, Web Storage, Web Workers, and Server Sent Events (SSE). **Exercise:** Incorporate these APIs into the website designed in the first lab.
3	Introduction to XML, namespace and DTD. **Exercise:** i) Design an XML file for storing Student information. ii) Write appropriate DTD for the above file.
4	Introduction to XSL and XSLT. **Exercise:** i) Design XSL for the Student.xml file ii) Design XSLT file to convert student.xml data into HTML