

<b>Name of the Course</b>	<b>Web Development</b>
<b>Course Code</b>	<b>WEB-111</b>
<b>Credit Hours</b>	<b>3</b>
<b>Objectives</b>	<ol style="list-style-type: none"> <li>1. To develop practical skills in designing Web based services for libraries and information centers.</li> <li>2.</li> </ol>
<b>Contents</b>	<p><b>Unit-I</b> Document design and electronic publishing  <b>Unit-II</b> Web site design.  <b>Unit-III</b> HTML and XML.  <b>Unit-IV</b> Web editors.  <b>Unit-V</b> Images and other media formats. I  <b>Unit-VI</b> Interactive documents with Java and JavaScript.  <b>Unit-VII</b> Server-side scripting.  <b>Unit-VIII</b> Web site design for library &amp; information services.</p>
<b>Teaching &amp; Learning Strategies</b>	A combination of lecturing, class participation, and discussions will be used to conduct the course. Students will be expected to read extensively ahead of each class session and actively participate in discussions.
<b>Assignments</b>	Written assignment (10 marks), presentation (5 marks) and quiz (10 marks)
<b>Recommended Reading Material</b>	<p>Bengtson, J. (2019). <i>Library web development: Beyond tips and tricks</i>. Chicago: ALA.</p> <p>Griffiths, P. (2004). <i>Managing your Internet and Intranet services: The information and professional's guide to strategy</i>. London: Facet.</p> <p>Song, Y. (2003). <i>Building better web sites: A how-to-do-it manual for librarians</i>. New York: Neal-Schuman.</p> <p>Lehman, T., &amp; Nikkel, T. (2007). <i>Making library web sites usable</i>. New York: Neal-Schuman.</p> <p>Westman, S. R. (2005). <i>Creating database-backed library web pages</i>. Chicago: American Library Association.</p> <p>Dave, T., &amp; Heinemeier, H. (2005). <i>Agile web development with rails</i>. The Pragmatic Programmers.</p>

#### Assessment and Examinations:

<b>Sr.#</b>	<b>Elements</b>	<b>Weightage</b>	<b>Details</b>
1	Midterm Assessment	35%	Written test (at the mid-point of the semester)
2	Formative Assessment	25%	Assignment, presentation and quiz
3	Final Assessment	40%	Written test (at the end of the semester)