



Module Presenter's Manual

for

**Bootstrap and
jQuery**

***Effective From: March 2018
Ver. 1.0***

Amendment Record

Version No.	Effective Date	Change	Replaced Pages
1.0	March 2018	New	-

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1. Introduction

At the end of this course, students will:

- Learn basics of Bootstrap and set up Bootstrap
- Work with Plug-ins, templates and programming in Bootstrap
- Learn jQuery
- Understand Selectors, functions, widgets in jQuery
- Learn the Responsive Web layout in Bootstrap
- Learn Headers and classes in Bootstrap
- Build Webpages using Bootstrap and jQuery

2. Information on Session Allocation

Module	Online Hours
Bootstrap and jQuery	16


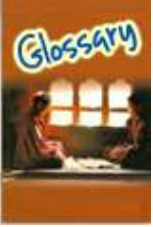


3. Module Deliverables available on OnlineVarsity






To aid the learning process, following are the deliverables

Student Deliverables:

1. Learner's Guide (eBook)

Resources available on OnlineVarsity for Students:

Icons	Feature - Description/Functionality
	Download Book - Student has the option to download the subject related e-book and read offline.
	Glossary - Student can access a list of subject related specialized words with their definitions.
	FAQ - Student can access frequently asked questions and their answers.
	Show Me How - Student can view a step-wise simulation/demonstration of the module related topics.

	Practice 4 Me - Student can test and evaluate their understanding of module related topics.
	Work Assignments - Student can solve scenario based lab assignments (Hands-on). The faculty will evaluate and give their feedbacks.
	References - Student can access additional subject related material for reading.
	Feedback - Student can provide feedback on the course material.
	Ask to Learn – Student can submit subject related technical queries. Queries submitted will be directed to the particular course coordinator/head.

4. Week-wise Session Schedule

- A Session has duration of 2 hrs

➤ Week-Wise Schedule

Week	Day 1	Day 2	Day 3	Day 4
1	Session 1 BOOTSTRAP- TL1	Session 2 BOOTSTRAP- TL2	Session 3 BOOTSTRAP- TL3	Session 4 BOOTSTRAP- TL4
2	Session 5 BOOTSTRAP- TL5	Session 6 BOOTSTRAP- TL6	Session 7 BOOTSTRAP- TL7	Session 8 BOOTSTRAP- TL8

BOOTSTRAP: Developing Responsive Websites with Bootstrap and jQuery

TL: Online Session

5. Session Coverage

Session No.	Session Title	Session Details	Deliverables' Mapping
1	BOOTSTRAP – TL1	<p>All the topics as listed below from Session 1 and Session 2 of <i>Developing Responsive Websites with Bootstrap and jQuery</i> book should be covered in this session.</p> <p><u>Session 1: Basics of Bootstrap</u></p> <ul style="list-style-type: none"> ➤ Introduction to Bootstrap ➤ Uses of Bootstrap ➤ Setting up Bootstrap ➤ File structure and source code in Bootstrap ➤ Bootstrap with CSS and Javascript ➤ Templates in Bootstrap <p><u>Session 2: Understanding Programming in Bootstrap</u></p> <ul style="list-style-type: none"> ➤ Components in Bootstrap ➤ Bootstrap Layout components ➤ Programming in Bootstrap 	<p><u>Developing Responsive Websites with Bootstrap and jQuery</u></p> <p>SG - Session 1 and 2 XP - Session 1 and 2 TG - Session 1 and 2</p>
2	BOOTSTRAP – TL2	<p>The workshop lessons of Session 1 and Session 2 of <i>Developing Responsive Websites with Bootstrap and jQuery</i> course should be covered in this session.</p>	<p><u>Developing Responsive Websites with Bootstrap and jQuery</u></p> <p>(Onlinevarsity)</p> <p>Session 1 and 2</p>
3	BOOTSTRAP – TL3	<p>All the topics as listed below from Session 3 and Session 4 of <i>Developing Responsive Websites with Bootstrap and jQuery</i> book should be covered in this session.</p> <p><u>Session 3: Basics of jQuery</u></p> <ul style="list-style-type: none"> ➤ Introduction to jQuery and integrating with Bootstrap ➤ jQuery Selectors ➤ Functions in jQuery 	<p><u>Developing Responsive Websites with Bootstrap and jQuery</u></p> <p>SG - Session 3 and 4 XP - Session 3 and 4 TG - Session 3 and 4</p>

Session No.	Session Title	Session Details	Deliverables' Mapping
		<ul style="list-style-type: none"> ➤ JSON and conversions to JSON ➤ Event delegation in jQuery <p><u>Session 4: Functions, widgets, plugins in jQuery</u></p> <ul style="list-style-type: none"> ➤ jQuery live function ➤ jQuery AJAX ➤ Callbacks in jQuery ➤ Autocomplete functions in jQuery ➤ Widgets in jQuery ➤ Datatables plugin in jQuery 	
4	BOOTSTRAP – TL4	The workshop lessons of Session 3 and Session 4 of <i>Developing Responsive Websites with Bootstrap and jQuery</i> course should be covered in this session.	<p><u>Developing Responsive Websites with Bootstrap and jQuery</u></p> <p>(Onlinevarsity)</p> <p>Session 3 and 4</p>
5	BOOTSTRAP – TL5	<p>All the topics as listed below from Session 5 of <i>Developing Responsive Websites with Bootstrap and jQuery</i> book should be covered in this session.</p> <p><u>Session 5: Creating Bootstrap Responsive layout</u></p> <ul style="list-style-type: none"> ➤ Bootstrap Responsive layout ➤ Responsive Web design with Bootstrap ➤ Headers, grids in Bootstrap ➤ Creating and Working with Headers and grids ➤ Text Transformation classes in Bootstrap 	<p><u>Developing Responsive Websites with Bootstrap and jQuery</u></p> <p>SG - Session 5 XP - Session 5 TG - Session 5</p>
6	BOOTSTRAP – TL6	The workshop lessons of Session 5 of <i>Developing Responsive Websites with Bootstrap and jQuery</i> course should be covered in this session.	<p><u>Developing Responsive Websites with Bootstrap and jQuery</u></p> <p>(Onlinevarsity)</p>

Session No.	Session Title	Session Details	Deliverables' Mapping
			Session 5
7	BOOTSTRAP – TL7	<p>All the topics as listed below from Session 6 of <i>Developing Responsive Websites with Bootstrap and jQuery</i> book should be covered in this session.</p> <p><u>Session 6: Creating Responsive Webpages using Bootstrap and jQuery</u></p> <ul style="list-style-type: none"> ➤ Introduction to Responsiveness ➤ Tables in Bootstrap ➤ Styling Blockquotes ➤ Building a Website using Bootstrap and jQuery 	<p><u>Developing Responsive Websites with Bootstrap and jQuery</u></p> <p>SG - Session 6 XP - Session 6 TG - Session 6</p>
8	BOOTSTRAP – TL8	<p>The workshop lessons of Session 6 of <i>Developing Responsive Websites with Bootstrap and jQuery</i> course should be covered in this session.</p>	<p><u>Developing Responsive Websites with Bootstrap and jQuery</u></p> <p>(Onlinevarsity)</p> <p>Session 6</p>

6. Library References

Bootstrap: Responsive Web Development by Jake Spurlock

Step By Step Bootstrap 3: A Quick Guide to Responsive Web Development Using Bootstrap 3 by Riwanto Megosinarso

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