



Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India
(Autonomous Institute Affiliated to University of Mumbai)

Course Code	Course Name	Teaching Scheme (Hrs/week)			Credits Assigned			
		L	T	P	L	T	P	Total
TEITL605	Advance Internet Technology Lab	-	-	2	-	-	1	1
		Examination Scheme						
		ISE		ESE			Total	
				Practical	Oral			
40	10	10	60					

Pre-requisite Course Codes	ITL45 (Web Programming Lab) TEITC605 (Advance Internet Technology)_
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After successful completion of the course, student will be able to:

Course Outcomes	CO1	Analyze and study the traffic of your website using google analytics.
	CO2	Design appropriate keywords for your website using any open source tool.
	CO3	Develop responsive web pages using HTML5 and CSS3.
	CO4	Create RIA - web mash up Eco-systems using different technologies like Ajax, JSON, REST and Web Services.

Exp. No.	Experiment Details	Ref.	Marks
1	Develop a web page using Ajax	5	5
2	To display data written in JSON format on the browser using AJAX	5	5
3	To create a web mash up that combines any two web services.	1	5
4	Create a responsive web page using HTML5.	2	5
5	Create a rich internet application to incorporate new tags of CSS3.	2	5
6	To develop a fully REST based web service and test it using your own small application.	6	5
7	Using Google Ad words Key planner tool, generate a report for your web site and domain.	3,4	5
8	To analyze your own published site traffic using Page tagging (Google analytics tool). Review and study various reports generated by the tool.	3,4	5
Total Marks			40

References:

1. Professional Web 2.0 Programming WROX press.
2. Ben Frain, "Responsive Web Design with HTML5 and CSS3", PACKT
3. Eric Enge, Stephan Spencer, Jessie Srricchiola, Rand Fishkin, "The Art of SEO "2nd edition, O" Reilly Publication.
4. Kristopher B. Jones, "Search Engine Optimization", 3rd edition, Wiley publication.
5. Dana Moore, Raymond Budd, Edward Benson "Rich Internet Application AJAX and Beyond "WROX press, WILEY.
6. Srinivasan, "Web Technology", Pearson.