



C. U. SHAH UNIVERSITY Wadhwan City

FACULTY OF:-Computer Science
DEPARTMENT OF:-Master of Computer Application
SEMESTER:- V
CODE :- 5CS05MAJ1
NAME – ANGULAR JS

Teaching and Evaluation Scheme:-

Subject Code	Name of the Subject	Teaching Scheme (Hours)				Credits	Evaluation Scheme								
		Th	Tu	Pr	Total		Theory				Practical (Marks)				Total
							Sessional Exam		University Exam		Internal		University		
							Marks	Hrs	Marks	Hrs	Pr/Viva	TW	Pr		
5CS05MAJ1	ANGULAR JS	4	0	0	4	4	30	1.5	70	3	--	-	--	100	

Objectives:

- Angular JS is an open source JavaScript framework by Google to build web applications.
- Learn how to build single phase applications and line of business applications.

Technical Prerequisites:

- Basic knowledge of HTML, JavaScript.

Course Outline:

SNo.	Course Contents	Number of Hours
1	Introduction to Angular JS, Advantages, Configuration over Windows / Ubuntu environment, Architecture	4
2	Data Binding – Bridge between the View and Business Logic of an Application, Expressions, Directives, Controllers, Modules.	20
3	Scopes, Dependency, Filters, Tables, Select, DOM	12
4	Forms, Validation, Animation, AJAX	12

Learning Outcomes:

- The course is for application developers and architects who wish to become competent at designing and implementing Web applications using HTML and Angular JS.
- After completion of this course students are able to creating & manipulating dynamic web application.

Teaching & Learning Methodology:

- Involve the learners during learning. Having someone demonstrate a skill, and giving an explanation
- Including aids such as check lists that learners can use during their practice of skills and competences



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Using multimedia

- The institute provides an excellent academic environment with accent on self-learning. The teaching and learning methodologies follow a rigorous regime that involves intensive and extensive working on challenging academic assignments.

Books Recommended:

- Adam Freeman, Pro AngularJS (Expert's Voice in Web Development), A Press, 2016.
- Diego Netto Valeri Karpov, Professional AngularJS, WROX, 2015
- Green & Brad, Angular JS, O'Reilly, 2013.