

TENTATIVE SDND COURSE OUTLINE MODULE WISE

	S. No.	Week	Description
M1	1	1	Problems & Solution Identification
	2	2	Flow Charting + PseudoCode
	3	3	Basics of .NET Framework
	4	4	Converting FlowChart to Code
M2	5	1	Classes + Objects
	6	2	Loops
	7	3	Array
	8	4	Data Grids
	9	5	Overloading and Parameters
	10	6	Inheritance + Association
	11	7	Abstraction + Polymorphism
	12	8	Hands On Application
M3	13	1	Generics
	14	2	Sorting + Searching Algorithm
	15	3	Collections
	16	4	Object Listing
	17	5	Serialization
	18	6	DLL + Windows Service
M4	19	1	Introduction to File System DBMS & RDBMS
	20	2	Introduction to SQL
	21	3	Windows Form Application Handson
	22	4	Windows Form Application Handson (Continue)
	23	5	DQL (SELECT Query) (Joins + Order Clause etc)
	24	6	Implementation of DQL using Application
	25	7	Aggregate Functions, SubQuery
	26	8	Temporaray Table, CTE, Drived Table, Functions
M5	27	1	Introduction to HTML
	28	2	Styling and Dynamics of Page
	29	3	Javascript
	30	4	Detailed Javascript
	31	5	Jquery
	32	6	Jquery in Detail
	33	7	ServerSide Application ASP.NET + MVC
	34	8	ORM and MVVM
	35	9	ServerSide Application ASP.NET + MVC
	36	10	BootStrap
	37	11	StateManagement
	38	12	Team Foundation Server
	39	13	Deployment and IIS

M6	40	1	Web Services
	41	2	Restful API
	42	3	AJAX
	43	4	Consumption of API and Other Platforms
	44	5	MicroServices
	45	6	Utilization of MicroService
	46	7	Signal R
	47	8	External Usage and External resource utilization
M7	48	1	Introduction to SPA and Partial Views
	49	2	Angular
	50	3	Implementation of Type Scripting and MVC
	51	4	MVC CRUD Operations
	52	5	MVC CRUD Operations