PGDCA21
Web Designing (4 weeks)

Contents	Lecture No.
HTML Introduction to Web Designing, Various tags- paragraphs, formatting. Lists, Links, headings.	(1-2)
Graphics, images, image maps, tables.	(3-4)
Form Input, select, option text area, frames, frameset	(5)
DHTML Style sheet, span, linking style sheet, objects in DHTML,	(6)
Jscript Script **Data Type** Working with information, variables, expressions and evaluation, data type conversion, operators, loops, control structure.	(7-8)
DOM Arrays, Window object, Document object frame	(9)
Function Creating nesting, function parameters, Global and local variables in function, recursion.	(10-11)
Graphics Link and anchor object.	(12)
Validating Text Data Entry validation, event handling (date, time, empty checks, etc), capturing and deleting events. Validation of forms – numeric, alphabets, email-id	(13-14)
Flash Introduction, Motion Tween, Shape Tween	(15)
Flash Masking, Guide Layer, Layer management	(16)
Flash Animation, Button Creation	(17)
Photoshop Introduction and interface familiarization, Creating files, Using tools	(18)
Photoshop Layer Management, Giving Different Filter Effects	(19)
Photoshop Designing a Web page in Photoshop, linking html files in Photoshop	(20)

Data Communications

Contents				Lecture No.
Introduction		➢ Components, Network, Protocols, Standard.		(1)
Basic Concepts		➢ Line configuration, Topology, Transmission mode, Category of Networks (LAN, WAN, MAN)		(2-3)
OSI		➢ Model, Functions of Layers comparison with TCP/IP suite.		(4-5)
Signals		➢ Analog, Digital, Periodic, Diperiodic signal frequency, phase, amplitude.		(6)
Multiplexy	FDM, TDM, WDM, CDM	**Switching**	➢ Circuit, packet, Manage switching	(7)
Transmission Media		➢ Guided media, (Twister pair, Coax, Optical fiber) ➢ Unguided media (Radio, Satellite, Cellular) Transmission impairment		(8-9)
ISDN		➢ (History, Services, Layers)		(10)
QUIZ, Review				(11)