

# **D R D N A G H A R Y A**

**COLLEGE OF ENGINEERING**  
KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department:IT,CSIT,ECS

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f 08.01.2018

Subject with code: Multimedia Technology,IT-204-F

Name of Faculty with designation :Dharmendra Pal

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Academic activity	Test / assignment
January	09.01.2018 Tuesday	IV-IT,CSIT	1	Basics of Multimedia Technology, Computers, Communication & Entertainment	.....	Assignment of 02 Ques. given
January	10.01.2018 Wednesday	IV-IT,CSIT	1	Multimedia an Introduction		Assignment of 02 Ques. given
January	11.01.2018 Thursday	IV-IT,CSIT	1	Framework for Multimedia Systems		Assignment of 02 Ques. given
January	16.01.2018 Tuesday	IV-IT,CSIT	1	Multimedia Devices, CD-Audio, CD-I, Presentation devices & the User Interface		Assignment of 02 Ques. given
January	17.01.2018 Wednesday	IV-IT,CSIT	1	Multimedia Presentation and Authoring		Assignment of 02 Ques. given
January	18.01.2018 Thursday	IV-IT,CSIT	1	Professional development tools		Assignment of 02 Ques. given
January	23.01.2018 Tuesday	IV-IT,CSIT	1	LAN, Internet, WWW & Multimedia Distribution network		Assignment of 02 Ques. given
January	24.01.2018 Wednesday	IV-IT,CSIT	1	ATM & ADSL ; Multimedia Server & databases		Assignment of 02 Ques. given
January	25.01.2018 Thursday	IV-IT,CSIT	1	Vector Graphics; 3-D Graphics Program,		Assignment of 02 Ques. given
January	30.01.2018 Tuesday	IV-IT,CSIT	1	Animation Techniques, Morphing, Anti-aliasing, Video on demand		Assignment of 02 Ques. given
February	01.02.2018 Thursday	IV-IT,CSIT	2	Introduction to Images Compression & Standards		Assignment of 02 Ques. given
February	06.02.2018 Tuesday	IV-IT,CSIT	2	Making Still Images, editing & capturing images		Assignment of 02 Ques. given

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February	07.02.2018 Wednesday	IV-IT,CSIT	2	Scanning images, Colour Palette, 3-D Drawing & rendering		Assignment of 02 Ques. given
February	08.02.2018 Thursday	IV-IT,CSIT		REVISION		REVISION
February	20.02.2018 Tuesday	IV-IT,CSIT	2	JPEG-Objectives and architecture, JPEG-DCT encoding and quantization		Assignment of 02 Ques. given
February	21.02.2018 Wednesday	IV-IT,CSIT	2	JPEG- Statistical coding, JPEG predictive lossless coding		Assignment of 02 Ques. given
February	22.02.2018 Thursday	IV-IT,CSIT	3	JPEG performance, various Image Formats- GIF, TIFF, BMP, PNG, etc		Assignment of 02 Ques. given
February	27.02.2018 Tuesday	IV-IT,CSIT	3	Introduction to Audio & Video.		Assignment of 02 Ques. given
February	28.02.2018 Wednesday	IV-IT,CSIT	3	Digital representation of Sound, time domain sampled representation		Assignment of 02 Ques. given
March	6.03.2018 Tuesday	IV-IT,CSIT	3	Method of encoding the analog signals, sideband coding		Assignment of 02 Ques. given
March	7.03.2018 Wednesday	IV-IT,CSIT	3	fourier method; transmission of digital sound; stereophonic & quadraphonic		Assignment of 02 Ques. given
March	08.03.2018 Thursday	IV-IT,CSIT	3	MPEG Audio; Audio Compression & Decompression; Brief survey of speech recognition and generation, Audio Synthesis		Assignment of 02 Ques. given
March	13.03.2018 Tuesday	IV-IT,CSIT	3	MIDI, Digital Video and Image Compression		Assignment of 02 Ques. given
March	14.03.2018 Wednesday	IV-IT,CSIT	4	MPEG motion video compression standard; DVI technology		Assignment of 02 Ques. given
March	15.03.2018 Thursday	IV-IT,CSIT		REVISION		REVISION
March	27.03.2018 Tuesday	IV-IT,CSIT	4	Introduction to Virtual Reality; VR Operating Systems		Assignment of 02 Ques. given
March	28.03.2018 Wednesday	IV-IT,CSIT	4	Applications of Multimedia		Assignment of 02 Ques. given
April	3.04.2018 Tuesday	IV-IT,CSIT	4	Intelligent Multimedia System		Assignment of 02 Ques. given
April	4.04.2018 Wednesday	IV-IT,CSIT	4	Virtual environment displays and orientation making		Assignment of 02 Ques. given
April	5.04.2018 Thursday	IV-IT,CSIT	4	Visually Coupled System requirements		Assignment of 02 Ques. given

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April	10.04.2018 Tuesday	IV-IT,CSIT	4	Intelligent VR Software Systems, Applications of environment in various fields		Assignment of 02 Ques. given
April	11.04.2018 Wednesday	IV-IT,CSIT		REVISION		REVISION
April	12.04.2018 Thursday	IV-IT,CSIT		REVISION		REVISION