# DRONACHARYA
## 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-alising, 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** |
| February | 07.02.2018 Wednesday | IV-IT,CSIT | 2 | Scanning images, Colour Pallette, 3-D Drawing & rendering | | **Assignment of 02 Ques. given** |

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| 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** |
| 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** |

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|---|---|---|---|---|---|---|
| April | 12.04.2018 Thursday | IV-IT,CSIT | | REVISION | | **REVISION** |