Lesson Plan

Discipline : Computer Engg.

Semester : 2ND

# Subject : MULTIMEDIA APPLICATION

Lesson Plan Duration : 16 weeks

Work Load (Lecture / Practical) per week (in hours): Lectures-02, Practical-04

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| Week | Theory | | Practical | |
| Lecture day | Topic  (including assignment / test) | Practical week | Topic |
| 1st | 1st | Definitions and Classification  Multimedia Hardware- | 1st | Prac. 1 Study of Adobe Flash Tools; Frame by Frame Animation; |
| 2nd | Multimedia Software–Meetings the analog signals |
| 2nd | 3rd | Search of Digital recording | 2nd | Prac. 2  Motion Tweening; Simple Tweening; |
| 4th | CD ROMs. |
| 3rd | 5th | REVISION | 3rd | Prac. 3  Using Guide Layer; Shape Tweening; Simple Tweening; |
| 6th | Digital Audio Technologies |
| 4th | 7th | Sound Cards | 4th | Prac. 4  Shape Hint; Masking; Single Layer Masking; Double Layer Masking; |
| 8th | Playback and Recording – |
| 5th | 9th | MIDI – working with MIDI | 5th | Prac. 5  Movie Clip; Buttons; Publishing of Flash Movie |
| 10th | Assignment |
| 6th | 11th | Multimedia texts | 6th | Prac. 6 Action Scripts  Simple functions: Stop, Play, Go to, Get URL, Call |
| 12th | Coloring – |
| 7th | 13th | Digital Imaging Fundamentals – | 7th | Prac. 7  Properties - \_x, \_y, \_x Scale, \_y Scale, \_alpha |
| 14th | Digital Image Development Editing. |

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| Week | Theory | | Practical | |
| Lecture day | Topic  (including assignment / test) | Practical Day | Topic |
| 8th | 15TH | Assignment | 8th | Prac. 8  Event handling |
| 16TH | Animation fundamentals |
| 9th | 17th | Animation Software tools | 9th | Prac. 9  Image Editing Software (Adobe Photoshop) |
| 18th | – Animation Techniques |
| 10th | 19th | – Digital video fundamentals | 10th | Prac 10  Study of Adobe Photoshop tools  . |
| 20th | – Digital video production techniques |
| 11th | 21st | Digital video production techniques | 11th | Prac 11  Image editing |
| 22nd | **TEST** |
| 12th | 23rd | M/M Project Design Concepts | 12th | Prac 12  Applying special effects |
| 24th | Authoring –. |
| 13th | 25th | Project Planning | 13th | VIVA |
| 26th | Project Costing – Multimedia team |
| 14th | 27th | Assignment | 14th | VIVA |
| 28th | REVISION |
| 15th | 29th | **TEST** | 15th | Revision |
| 30th | **TEST** |
| 16th | 31th | **TEST** | 16th | VIVA |
| 32th | **TEST** |
| 17th | 33rd | **TEST** | 17th | Revision |
| 34th | **TEST** |
| 18th | 25th | REVISION | 18th | VIVA |
| 36th | REVISION |
| 19th | 37th | REVISION | 19th | Revision |
| 38th | REVISION |