**AIT 314        E-CONTENT DEVELOPMENT USING MULTIMEDIA            3(1+2)**

**Objective(s)**
After completing the course the student shall be able to create e-content for different fields and devices using action script programming, creating Animation, create platform for interactive media, creating different video footages with transitions and effect, Export video in a variety of formats, Importing audio and applying Sound effect to short film, provide the best audio impact for the video's story.

**UNIT I**
Introduction to action script 3.0, Using Code Snippets and Navigating the flash Timeline - Adding action script using code snippets, Working with frame labels, Looping playback with action script, conditional statement to control timeline , Working with properties, methods, events and functions, Crating animation with action script  - controlling movie clip properties with tween, Using action script and components to load content, Using array and loop in action script 3.0.

**UNIT II**
Crating and formatting text with action script  - Creating Text Fields, Setting Text Field Attributes, Selecting Text, Formatting Text, Formatting with HTML and CSS , creating a scroll bar using action script, Controlling sound with action script - ActionScript Sound Architecture, Internal and External Sounds, Playing, Stopping, and Pausing Sounds, Changing Sound Volume and Pan, control video using action script -  Encoding, Components, Full-Screen Video, Captions. adding FLVplayback controls.

**UNIT III**
Introduction to Adobe Premiere Pro, Basic workflow, Keyboard shortcuts, Touring the workspace, Working with Panels, Using the Source Monitor and Program Monitor, Set preferences,  Project setup, Importing footage - Supported file formats, Importing sequences, clip lists and compositions, Editing sequences and clips - Add clips to sequences, Working with markers, Trimming clips, Rendering and previewing sequences, Synchronizing audio and video with Merge Clips, Working with captions,  Graphics, titles, and Motion Graphics templates - Create titles and motion graphics, Essential Graphics Panel , Motion Graphics Templates

**UNIT IV**
Effects and transitions - Applying, removing, finding, and organizing effects, Viewing and adjusting effects and keyframes, Effect presets, Masking and tracking, Stabilize motion with the Warp Stabilizer effect, Change duration and speed of clips, Motion: position, scale, and rotate clips,

Adjustment Layers, Audio and Video effects and transitions, **Animation and keyframes** - Adding, navigating and setting keyframes, **Editing audio** - Editing, repairing, and improving audio using Essential Sound panel, Organize assets in the Project panel, **Compositing in Premiere Pro** - Blending modes, Compositing, alpha channels, and adjusting clip opacity, **Exporting media from Premiere Pro** - Workflow and overview for exporting, Exporting projects for other applications

**UNIT V**
Audition Introduction : Audio interfacing and Audition environment, Wave form View : Basic Editing, Signal processing, Mastering, Sound design, Creating and recording files , Multi track View : Basic multi track orientation, Track parameters, Clips, Creating music with sound libraries, Creating music by overdubbing and multi track recording, Mixing strategies, Working with Video.

**Reference Book(s)**
1. Adobe Animate CC Classroom in a Book, Author: Russell Chun by Adobe Press
2. Adobe Premiere Pro CC Classroom in a Book, Author: Maxim Jago by Adobe Press
3. Adobe Audition CC Classroom in a Book, Author : Adobe Creative Team by Adobe Press.
4. Adobe Animate CC Help, Reference PDF by adobe Creative Team
5. Adobe Premiere Pro CC Help, Reference PDF by adobe Creative Team
6. Adobe Audition CC Help, Reference PDF by adobe Creative Team

**Practical(s)**
**Flash ActionScript**

1. Creating Animation using ActionScript
2. Controlling the Timeline with ActionScript
3. Creating preloaders in ActionScript
4. Controlling Sound with ActionScript
5. Create a Dynamic Slideshow with ActionScript
6. Create flash platform for interactive media

**Premiere Pro**
1. Create footage with different transitions and effect.
2. Create a video with Speed ramping and slow motion.
3. Create & Animate Lower Third Graphics
4. Create Cinematic Intro Titles
5. Make small documentary film on any subject
6. Export video in a variety of formats, from Blu-ray to mobile devices

**Audition**
1. Importing audio, applying effects, waveform editing and multi track mixing.
2. Import, edit, mix, and export the dialogue, sound effects, and music for a short film and provide the best audio impact for the video's story.