

## **SINGLE CAMERA PRODUCTION SYLLABUS**

### **UNIT – 1**

Camera (Parts of the camera, CCD) – Lighting (Basic lighting) – Audio – Switching – Videotape recording – Tapeless systems – Post-production editing – Special Effects – Handling

### **UNIT – 2**

Introduction to Analogue and Digital Television (VHS, Beta, DV family, HD formats) – How Television Cameras work: Parts of the camera – From light to video signal – Analogue Vs. Digital Cameras – ENG/EFP Cameras and Camcorder – Consumer Camcorders – Prosumer Camcorders – Aspect Ratio – White Balance – Colour Temperature - Resolution – Operating Light level – Gain – Video noise and Signal to noise Ratio – Image blur and Electronic Shutter – Contrast – Shading

### **UNIT – 3**

Working of the Camera: Camera movements (Tilt, pan, track, dolly) - The “Don’ts” of the camera – Before the shoot – During the Shoot – After the shoot – Aspect ratios in Standard TV and HDTV – Types of shots: Dealing with Height and Width – Framing close-ups – Headroom – Noserroom and Leadroom – Closure – Depth – Screen motion

### **UNIT – 4 & 5**

Visualization, Script breakdown, logging, Rehearsals, Videotaping, Post-production activities (TC in and TC out), Schedule Time and Running time, Clock Back-timing and Front-timing – Converting frames and clock time – Controlling subjective Time

**Project:** A documentary film will be made by the student or the group (of their own choice) that includes scripting, editing on FCS and recording the narration in the sound studio.

### **BIBLIOGRAPHY**

1. Herbert Zettl. *“Television Production Handbook”*. Thomson Wadsworth. Ninth Edition. Belmont. USA. 2007
2. Herbert Zettl. *“Video Basics 3 Workbook”*. Thomson Wadsworth. Belmont. USA. 2001
3. Alan Wurtzel. *“Television Production”*. McGraw Hill Book Company. Second Edition. San Francisco. USA. 1983