

## SYLLABUS

SEMESTER- 4

CINEMA TECH- 3

# TV PROGRAM PRODUCTION

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Credits-3

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### 1. The Power of television

- Its capability to inform, educate and influence the public
- Its position inside home, its inherent ability to store and retrieve art forms and experiences of all kinds,
- Cultural and artistic impact, The realism of the television image-“Seeing is believing”, Dramatic impact in factual news, Manipulation of television image

### 2. The Program / The show

Meaning and definition of Television Program

- **Program overview:** Studio production, On location production; live / enacted recording, live transmission / pre-recorded for transmission later, Single camera and Multi-camera set-up,
- **Program briefs:** Objectives, Contents, and Duration etc.
- **Planning:** The Story, Subject Research, Scouting location, the treatment, preparing a budget, writing pre-production script, Storyboard, Script layout, Plan of Shooting
- **Shooting Equipment:** Types of camera: ENG, EFP and Studio Broadcast camera

### 3. Shooting Style

How to interpret a scene?

- **Best view point**, emphasis on desired features of the scene, drawing audience's attention towards them.

- **Size of the image:** showing various aspects of the story through different image size.
- **Focus:** Deep focus, Shallow focus and its effects
- **Camera angle:** Emotional impact of extreme view points; Canted angle
- **Camera movement:** Adds visual interest, Creates depth and solidity
- Subject vs. Camera moves
- **Composition:** Simple composition, Persuasive composition, What if you don't compose?

#### 4. Lighting Instrument and Technique

- Lighting Instruments: Spot light, Open face light, V-light, Flood light, LED soft, Diffusion tent on spot lights, Camera light, Grid light and mounting devices
- Light quality: Directional and Diffused light, color quality of light (color temperature), Matching color temperature, White balance
- Position of light and terminology used: Key light, Fill light, Back light, Back-ground light; Sidelight and Kicker, Flat lighting, dimensional lighting,
- Lighting contrast: Subject contrast, frame contrast, Fast fall-off, Cameo lighting, Silhouette and Chroma key area lighting

#### 5. Audio for Video

- Audio techniques and artistic choices,
- Sound and the Microphone, types of microphone, Dynamic, Condenser and Ribbon microphones, Importance of audio in Television production,

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#### Reference Books:

1. Video production Hand Book: by Gerald Millerson
2. Television Production Hand Book: by Jettl
3. Television production hand Book: by Roger Inman & Greg Smith
4. Lighting for Digital Video and Television: by John Jackman