

# **DIGITAL AUDIO PRODUCTION SYLLABUS**

## **UNIT -1**

Introduction to Sound – Fundamentals of elements of electronics

## **UNIT – 2**

Sound spectrum and frequencies – History of recording and formats

## **UNIT – 3**

Application of Sound recording in Radio Stations

## **UNIT – 4**

Application of Sound in Studio formats - Introduction to various Recording Softwares in the industry

## **UNIT – 5**

Digital technology and advancements - Creating files and naming them – Recording – Using EQ, DYNMS, SFX, and Reverb – Source Selection – Cleaning and Editing - Elements of music recording - Mixing Pre and Post Mastering

## **PRACTICAL EXERCISES**

1. Voice Recording
2. News gathering and recording on Pro Tools
3. Recording of interviews
4. Recording features for FM or AM Radio
5. Reporting News
6. Recording a drama done in groups
7. Recording a radio commercial
8. Talk show recording
9. Public Service Announcements (PSA) recording
10. Outdoor recording of a live event

## **BIBLIOGRAPHY**

1. Pro Tools workbook
2. Sound Recording and Reproduction – Glyn Alkin
3. The Sound Studio – Alec Nisbett
4. Audio Recording and Reproduction – Michael Talbot & Smith
5. Stick it in your ear – Frank Spotnitz
6. An Introduction to Digital Audio – John Watkinson
7. Campanella Associates – The Engineers Associates