

SAINT CLARET COLLEGE, ZIRO
B. A. (MASS COMMUNICATION)
SYLLABUS AS PER RGU SEMESTRAL SCHEME
(Subjected to syllabus enrichment by SCCZ for Claretines)
Semester IV
BMC-404: Sound & Radio Production (SBC)

Total Marks: 100 (80- End Semester and 20- Sessional)

Objectives Having studied this paper, a student will be able to:

- a. Students will learn Radio news and program production and how to practice broadcast journalism*
- b. They will also learn how to use remote equipment, especially the audio tape recorder, audio consoles, microphones and others.*
- c. students will learn technique of mixing different audio sources*
- d. The techniques of audio tape editing, especially for use in radio news. Newsreel and other radio news and current affairs programs.*
- e. They will learn the art of announcing, presenting, news reading and jockeying for radio.*
- f. At the end of the Semester they will able to prepare radio programs in different formats and style for different audiences.*

Unit I: Introduction

1. Evolution and growth of radio
2. Characteristics of radio
3. Principles and techniques, Grammar of sound, AM and FM Radio. Ground receiving and transmission systems, transmission of sound, images and data through microwave, Community Radio, Internet Radio, Radio News Channels, Mobile Radio

Unit II: Principles of Sound

1. Principles of Sound: Cause and nature of sound, propagations, frequency, audio frequency range, low/mid/high frequencies amplitude, wavelength, pitch, presence, sibilance, reverberation, echo, reverberation time, reflection, absorption, loudness & decibels.
2. Perspectives of sound: analogue and digital sound Concept of mono, stereo and surround sound
3. Radio program formats – news, newsreel, feature, talk, discussion, drama, phone-in program, music program, and commentary.

Unit III: Studio setup

1. Audio studio and its equipment
2. Nature and types of microphones
3. Selection and placement of microphones
4. Basics of audio recording
5. Producing field based radio programs
6. Radio production team members

Unit IV: Editing

1. Sound editing
2. Types of sound, diegetic and non-diegetic sound
3. Mixing and dubbing techniques
4. Voice modulation; Common errors in pronunciation
5. Sound Editing Software – Audacity, Sound booth, Nuendo, Adobe audition, Sound Forge, Cool edit pro etc.

Assignments:

1. Production of news bulletins
2. Radio Ads and Jingles
3. Radio Drama/ Radio feature

Recommended Readings:

- Robert McLeish, Jeff Link,(2016) *Radio Production*, New York, Focal Press Publisher
- S.P Sharma (2017) *Basic Radio & Television*,New Delhi, Tata McGraw Publisher
- Krishna Menon,(2008)Media Communication and Photo journalism, Mangalam Publications
- Musani Mehra,(1985), *Broadcasting & People NBT*, New Delhi
- Wills Edgar and Holt,(1967), *Writing TV and radio programmes*, R & W Publication.
- S. R. Joshi, ISRO,(1997),*Broadcasting in India*, Ahmadabad