

CCRT- 101 Community Radio System and Transmission Technology

Total Credit- 04

Max. Marks- 100

Block 1: Community Radio: An Introduction

Unit 1: Community Radio: Concept and Evolution

Unit 2: Context, Access and Equity

Unit 3: Community Radio: Policy Guidelines

Unit 4: Technology for CR: Guiding Principles

Block 2: Setting up of CRS

Unit 5: Components of CR Station

Unit 6: Radio Waves and Spectrum

Unit 7: Basics of Electricity

Unit 8: Power Backup and Voltage Stabilization

Block 3: Radio Transmission Technology

Unit 9: Components of Transmission Chain

Unit 10: Components of FM Transmitter

Unit 11: Antenna and Coaxial Cable

Unit 12: Propagation and Coverage

Block 4: FM Transmitter Setup

Unit 13: Transmitter Setup: Step-by-step

Unit 14: Transmission System: Preventive and Corrective Maintenance

Unit 15: Transmission Setup- Good Engineering Practices