

PERFORMING ARTS, GUJARAT UNIVERSITY, AHMEDABAD

FIVE YEAR INTEGRATED PROGRAM/BPA

Programme/Class : Certificate	Semester : I
Subject : SKILL ENHANCEMENT COURSE	
Course Code : SEC-116	Course Title : Introduction of Sound Engineering
Course Credit : 2	Course Type : SEC-I
Teaching Hours : 30 Hours	Total Marks : 50 (25+25)
Teaching Methodology : Workshop & audio – visual based studies	

• **COURSE OUTCOMES :**

- I. Learn basic concepts of Sound Engineering.
- II. Learn about Acoustics.
- III. Learn about basics of audio production.
- IV. Understand the basics Signal flow and Hardware routing.

• **COURSE OBJECTIVES :**

Impart rudimentary knowledge of Sound Engineering.

DETAILS OF MODULES

MODULES	CONTENT/TOPIC
1	Fundamentals of Sound : • Definition of Sound. • Definition of Vibration. • Propagation medium of Sound and it's relation with

	Speed and Temperature. • Types of Wave & Wave characters. • Acoustics : NRC,STC,Importance of Acoustics & Diffusers.
2	Important Information about Signal & Audio Production • What is Signal? • Types of Signal. • ADC and DAC. • Hardware and Routing • Basics of Audio Production