

Semester	5	
Course	Major	
Paper Code	C3MV230541P	
Paper Title	Advanced Audio Practices	
No. of Credits	4	
Theory / Practical / Composite	Practical	
Minimum No. of preparatory hours per week a student has to devote	4	
Number of Modules		
Syllabus	<ul style="list-style-type: none"> • Understanding Microphones: Classifications, characteristic usages, precautions, limitations, accessories, special types, selection and placements. • Use of other components: DAW- basic architecture, Recorders- different types, Mixing Consoles, Loudspeakers- classification and different types of loading. • Pre-production, Production and Post Production- Role of the sound designer/engineer in all the stages of production. • Introduction to digital sound recording and reproduction, different sampling rates and bit depths in common practice and their implications. • Sound design in production, basics of multi- track recording, Live recording, Dubbing, Foley recording, Editing, Mixing and Mastering with examples. • Production of a sound narrative using voice, ambience, special effects and music. • Basics of Editing and Mixing music in a given format. 	
Learning Outcomes	<ul style="list-style-type: none"> * Identifying the signal chain and studying the important components in the signal chain. * Understanding the basic aspects of digital audio recording and reproduction. * Aesthetic conceptualisation of projects. * Packaging and delivery of projects. 	
Reading/Reference Lists	<ul style="list-style-type: none"> • Kerner, M. M. (1989). <i>The art of the sound effects editor</i>. Focal Press. • Rumsey, F., McCormick, T., & Safari, an O'Reilly Media Company. (2014). <i>Sound and Recording</i>. (7th ed). Routledge. • Harper, G. (2009). <i>Sound and music in film and visual media : an overview</i>. Continuum. 	

	<ul style="list-style-type: none"> • Watkinson, J. (2017). <i>An introduction to digital audio</i> (2nd ed.). Routledge, Taylor & Francis Group • Everest, F. A., & Pohlmann, K. C. (2022). <i>Master Handbook of Acoustics</i> (7th ed). McGraw-Hill Education. • Hillman, N. (2021). <i>Sound for moving pictures: the four sound areas</i> (1st ed). Focal Press. 	
Evaluation	End Semester CIA	Practical (if applicable) CA: 95
Paper Structure for Theory Semester Exam		