

Semester	4
Course	Major
Paper Code	C2MV230421P
Paper Title	Audio: Theory and 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"> • Experiencing sound, listening aspects and practice. • Identifying and describing the elements of a soundtrack. • History of sound recording - a journey through the development of technology and aesthetics of recording science. • Relationship between sound and image. Elements of sound design • Principles and characteristics of sound. Generation and propagation. Mono and Stereo. • Signal chains and their examples from different production scenarios. • Equipment and accessories including microphones, interconnects, mixing consoles, monitoring systems, DAW. • Recording individual sounds and ambiences using a simple recorder and professional recorder. • Production of a sound narrative of given duration using voice, ambience, special effects and music.
Learning Outcomes	<ul style="list-style-type: none"> * Introduction to the concepts of pure sound and applied sound. * Understanding the basic principles of recording and reproduction of sound. * Comprehension of the historical and physical aspects of sound. * Understanding the nature and characteristics of devices used for recording and reproduction of sound.
Reading/Reference Lists	<ul style="list-style-type: none"> • Rumsey, F., & McCormick, T., (2021). <i>Sound and recording: applications and theory</i> (8th ed.) Routledge. • Corey, J. (2016). <i>Audio production and critical listening: Technical ear training</i> (2nd ed.) Routledge.

	<ul style="list-style-type: none"> • Everest, F., & Pohlmann, K.C. (2015). <i>Master handbook of acoustics</i> (6th ed.). The McGraw-Hill Companies. • Kenny, T. (2000). <i>Sound for picture, the art of sound design for film and tv (mix pro audio series)</i>. Artistpro. • Watkinson, J. (2002). <i>An introduction to digital audio</i>. Focal Press. 	
Evaluation	End Semester CIA	Practical (if applicable) CA: 80 Semester Exam: 15
Paper Structure for Theory Semester Exam		