

VR/AR for preservation of heritage

IOE18 012

20 seats

Gandhinagar Campus

COURSE FACULTY



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**Amarjyot
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OVERVIEW

KEYWORDS : Virtual/Augmented reality, Technology, Preservation

Virtual and Augmented reality allows us to explore both our own as well as new worlds immensely and intuitively. Today, both VR and AR encompass hundreds of technologies and hardware elements.

OBJECTIVE

Introduce students to powerful new tools and media.

Effectively utilize these tools in preserving our rich national heritage.

METHODOLOGY

Presentations and familiarization sessions.

Hands-on experience with VR/AR headsets and controllers.

Basics of 360 shooting, types of cameras and capture devices.

Brainstorming on simple ways to use the hardware for reality capture.

Culminating in a group presentation and ideation session.

FINAL DELIVERABLES

Good working knowledge of how to capture reality in a virtual paradigm