



**Document Sections** 

Abstract

PDF

I. Introduction

II. Review

III. Approaches in Learning Science

IV. Human Computer Interaction

V. Modern Application and Technology

Show Full Outline

Authors

**Figures** 

References

Keywords

Metrics

More Like This

Abstract: Virtual application and its capabilities are increasing while they are getting easier to use day by day. VR is a term that applies to computer simulated environment that ... View more

## Metadata

Virtual application and its capabilities are increasing while they are getting easier to use day by day. VR is a term that applies to computer simulated environment that simulate physical presence in place in the real world. This paper describes the virtual system in the field of science and technology that explore the different virtual application and there integration techniques. The idea is to study the variety of ways in which different human computer technique can be leveraged and combined in various virtual application that could be supportive and helpful for students in easy Science learning process.

Published in: 2016 International Conference on Global Trends in Signal Processing, Information Computing and Communication (ICGTSPICC)

Date of Conference: 22-24 Dec. 2016 **INSPEC Accession Number: 16980437** 

Date Added to IEEE Xplore: 26 June 2017 DOI: 10.1109/ICGTSPICC.2016.7955357

**ISBN** Information: Publisher: IEEE

Conference Location: Jalgaon, India

Citation Alerts

ORGANIZATION 1

# Contents

### I. Introduction

Weknow the world through our sense. Human haves many more capabilities of balancing the senses. Whatever that we know about our reality comes through the way of our senses. The experiences of reality are simply a combination of sensory information and our brain sense the mechanism-making for that information. Technically, our perception of reality would also change in response to it, and present with a version of reality that isn't really there, refers as Virtual Reality. The present study discusses the use of Virtual technology and researches done in educational learning process. With the increase in the motion based and natural interfacing system, the VR technology has been expanded from its early work. The growth of modern natural science is increasing in term of Computerization, Mathematization, and Visualization [6] [7].

Authors	~
Figures	~
References	~
Keywords	~
Metrics	~

TEEE Personal Account

Purchase Details

Profile Information

Need Help?

Follow

CHANGE USERNAME/PASSWORD

PAYMENT OPTIONS

VIEW PURCHASED DOCUMENTS

PROFESSION AND EDUCATION

WORLDWIDE: +1 732 981 0060

TECHNICAL INTERESTS

CONTACT & SUPPORT

About IEEE Xplore | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2020 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.

# IEEE Account Purchase Details Profile Information Need Help? » Change Username/Password » Payment Options » Communications Preferences » US & Canada: +1 800 678 4333 » Update Address » Order History » Profession and Education » Worldwide: +1 732 981 0060 » View Purchased Documents » Technical Interests » Contact & Support

 $About \ I EEE \ \textit{Xplore} \ | \ Contact \ Us \ | \ Help \ | \ Accessibility \ | \ Terms \ of \ Use \ | \ Nondiscrimination \ Policy \ | \ Sitemap \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Cookies \ | \ Privacy \ \& \ Opting \ Out \ of \ Opting \ Out \ of \ Opting \ Out \ of \ Opting \ of \ Opting \ Out \ of \ Opting \ Opting \ Out \ of \ Opting \ Opt$ 

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. © Copyright 2020 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.