

ISBN : 978-0-89255-276-06

**Edited Book**

# **TEACHING LEARNING**

**AND**

# **INNOVATION<sup>S</sup>**

**IN ICT**



Editor

**Dr. Rajeshwarl Garg**

Year: 2023

ISBN: 978-0-89255-276-06



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**TITLE**

**Edited Book**

**TEACHING LEARNING AND INNOVATIONS IN ICT**



Persea Books

**PUBLISHER**

**Persea Books – Newyork (U.S. Publication House)**

**PRICE: 20\$**

**(For Indian Citizen-740 INR)**

**Publisher's Address:**

90 Broad St Ste 2100, New York, 10004,  
United States

**About the Book**

"Teaching Learning and Innovations in ICT" is a book that focuses on the integration of information and communication technology (ICT) in education. Written by various experts in the field of education and ICT, this book aims to provide teachers and educators with a comprehensive understanding of how to use technology to enhance learning and teaching.

The book begins by introducing readers to the concepts of ICT and its potential impact on education. It then delves into the various technological tools and resources that are available to teachers, such as multimedia, interactive whiteboards, and e-learning platforms. The authors also explore the ways in which ICT can be used to promote student-centered learning, collaboration, and creativity.

One of the key themes of the book is the importance of innovation in education. The authors emphasize the need for teachers to be flexible and adaptable in their use of technology, and to continually seek out new and innovative ways to engage students and promote learning. They also stress the importance of incorporating emerging technologies, such as artificial intelligence and virtual reality, into the classroom.

Another important aspect of the book is its focus on the role of teacher training and professional development in promoting the effective use of ICT in education. The authors provide practical guidance on how to design and implement effective professional development programs that will enable teachers to acquire the skills and knowledge they need to use technology effectively in the classroom.

Overall, "Teaching Learning and Innovations in ICT" is an informative and practical guide for teachers and educators who are looking to incorporate technology into their teaching practice. The book provides a wealth of insights, strategies, and practical tips that can help teachers to harness the power of technology to enhance student learning and engagement.

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## TEACHING LEARNING AND INNOVATIONS IN ICT

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### E-LEARNING: MEANING, NATURE, IMPORTANCE AND PRINCIPLES IN HIGHER EDUCATION

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**Introduction:** Technology is rapidly changing the way we live and interact. It is changing the face of every field and every sector in the best way possible. But the field of education is lagging in terms of technology adoption. Considering the fact that education is something that can change the world in positive way, introduction of technology in education has become even more essential. Education technology can help to eliminate current barriers of providing quality education to all across the world. Education technology will provide a chance to widen the imagination of the students and help them grasp better. The education sector and the entities such as students, teachers, management, parents, etc. will benefit a lot from the latest and upcoming trends in education technology. For this reason, we have compiled some of the key trends and technologies that can define trends for the coming year.

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**Meaning and Nature of E-Learning:** A learning system based on formalized teaching but with the help of electronic resources is known as E-learning. E-Learning is the learning facilitated and supported by Information Communication technologies (ICT) to enable people to