INFORMATION AND COMMUNICATION TECHNOLOGY AT SECONDARY EDUCATION

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Kripa Drishti Publications, Pune.

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Book Title: **Information and Communication Technology at Secondary Education**

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1st Edition

ISBN: 978-93-90847-69-3

Published: **Sept 2022**

Publisher:

Kripa-Drishti Publications

A/ 503, Poorva Height, SNO 148/1A/1/1A,
Sus Road, Pashan- 411021, Pune, Maharashtra, India.
Mob: +91-8007068686
Email: editor@kdpublications.in
Web: https://www.kdpublications.in

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PREFACE

The Information and Communication Technology (ICT) in schools have been subsumed in the Rashtriya Madhyamik Shiksha Abhiyan (RMSA). Now ICT in Schools is a component of the RMSA. The Information and Communication Technology (ICT) in Schools was launched in December, 2004 and revised in 2010 to provide opportunities to secondary stage students to mainly build their capacity on ICT skills and make them learn through computer aided learning process. The Scheme is a major catalyst to bridge the digital divide amongst students of various socio economic and other geographical barriers. The Scheme provides support to States/UTs to establish computer labs on sustainable basis.

INFORMATION AND COMMUNICATION TECHNOLOGY AT SECONDARY EDUCATION book presents the results of a study on students' appreciation of information and communication technology (ICT) applications in schools for general secondary education. We investigate to what extent students from different gender and ethnic backgrounds appreciate various characteristics of ICT tools. This book is designed specifically for students training to teach ICT as a curriculum subject at secondary level. It develops the key ideas of teaching and learning ICT in a structured, accessible way, and provides a wealth of ideas and inspiration for the learning teacher. Key areas covered are:

Chapter 1: Introduction to ICT
Chapter 2: Information Technology
Chapter-3: E-Learning
Chapter 4: Ubiquitous Learning
Chapter 5: Multi-Media Technology
Chapter 6: Audiovisual Technology
Chapter 7: E-Learning Modules and Tools
Chapter 8: Web Based Teaching-Learning

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Price: ₹775

KRIPA DRISHTI PUBLICATIONS

Kripa-Drishti Publications
A-503 Poorva Heights, Pashan-Sus Road, Near Sai Chowk,
Pune – 411021, Maharashtra, India.
Mob: +91 8007068686
Email: editor@kdpublications.in
Web: https://www.kdpublications.in

ISBN: 978-93-90847-69-3

9 789390 847693