

CRC BOOK SERIES |
DEMYSTIFYING TECHNOLOGIES
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EXCELLENCE : MOVING TOWARDS
SOCIETY 5.0

Series Editors

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Transforming Higher Education Through Digitalization : Insight, Tools and Techniques

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This book aims to provide insights on digitalization of education and its appropriateness for enhancing the quality of education in higher education institutes. Higher education sector is dynamic and needs constant adaptation to meet the requirements of students and industry. New teaching pedagogies, methods and practices are evolving to make the teaching-learning process contemporary and facilitate in improving quality of higher education sector. This book shall depict the transformation of traditional education to digital education.

Digitalization makes the world spin faster and has an impact on all spheres of life as it promotes the adoption of existing and emerging digital technologies. Digitalization has opened up rich opportunities in higher education and research all over the globe. Digitalization in education offers fluidity by providing education to the students as per their need and requirements complementary along with the traditional education system. Technology has transformed traditional education into a contactless and virtual learning experience. The book provides insights on technologies used in digital education, the competencies and skills required by teachers and students, managing quality of education through online modes, MOOCs (Massive, Open, Online Courses) and methods to support teachers and instructors in online education. The book enables teachers and instructors to help students develop the knowledge and skills they will need in a digital age and to enable them to build collaborative learning that will bring them success.

The Book Chapter Titles Available (but are not limited to) are given below:

- Digital education and Society 5.0
- Need for digital education
- Digitalization in higher education - Issues and Challenges faced by Students
- Digitalization in higher education - Issues and Challenges faced by Faculty
- Usage of Digital Technologies to enhance education
- Tools and techniques of digital education
- Online assessment and feedback
- Ensuring Digital Literacy through Virtual classroom
- Practicing Digital Literacy through Virtual laboratories
- Quality of education in digital age
- Online collaborative learning
- Pedagogies in digital education
- Supporting teachers and instructors in digital education
- Skills needed in digital age
- Transformation of campus focused teaching to online teaching
- MOOCs (Massive, Open, Online Courses)
- Connecting Academia across the globe
- Methodologies in digital technology
- Creativity and Consistency in digital classrooms
- Online Education aiming to create a sustainable future

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