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# Editorial

**Dear IEJEE Readers,**

The use of digital media, information and communication technologies (ICsT) and other technical tools became a natural part of the new generation of children and youth. We are experiencing rapid advances in ICT. The opportunities and challenges ICTs create for learning in the schools and out of school time are among the contemporary topics of interest for researchers.

In this special issue of International Electronic Journal of Elementary Education (IEJEE) many active researchers in their field addressing several issues. They conceptualize new phenomena and processes that the children and youth are involved in their daily life. They addresses their creativity, motivation, collaboration, problem-solving and literacy development while they are involved in media production and utilization.

The papers enrich our media and new technology-related conceptual world. Soloborative learning, solo thinking, collaborative tinkering, asymmetric learning, multi-user virtual environments, computer and information literacy and digital age are some of the examples for emerging concepts in the literature.

The use of ICTs does not exist in vacuum. The purpose, extend and the consequences of its use in different socio-economical contexts are topics of utmost importance for educational research. In this special issue of IEJEE the following aspects of these issues are directly and indirectly addressed with regard to a) home computer use in early years on children's social and behavioral development, b) the effect of Whatsapp usage on the attitudes of students toward English self-efficacy and English courses in foreign language education outside the school ,and c) relationship between mathematics and science literacy and ITC-variables, and d) how to measure the students' interest and enjoyment in using Information and Communication Technologies (ICTs).

I am sure that, in addition the above mentioned topics addressing digital media and ICTs, the readers will find the detailed account for digital, collaborative text-book authoring to address educational disadvantage and resource shortage in South African Schools very informative.

There is no doubt that the field of ICTs in education is broad and the topics and challenges are too many to covered depth in one special issue. Nevertheless, I hope that the readers will find the concepts, findings, experiences and arguments presented in this special issue of IEJEE valuable.

I want to express my thanks to all the contributors and to Dr. Hobbs and Dr. Özdemir additionally for their encouraging attitudes to devoting a special issue for this topic.

I also want to express my deepest gratitude Dr. Gökhan Özsoy, Dr. Hayriye Gül Kuruyer, Dr. Turan Temur for their executive editorial works and coordination.

**Editor-In-Chief**

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Editor-In-Chief, IEJEE