From the Editor

Dear JCER reader,

We are excited and happy to publish the last issue of 2022 (December Volume 10, Issue 20). We will be with our readers in the same excitement in each of our future issues. In the present issue, there are 23 research articles. 12 of these studies are in English as whole articles and the others are Turkish. JCER will be published in March and October instead of April and December from 2023.

Our authors present in this issue are composed of researchers working in different universities and institutions. These are alphabetically; *Adıyaman University, Ankara University, Ağrı İbrahim Çeçen University, Bayburt University, Bülent Ecevit University, Dicle University, Hacettepe University, Giresun University, Kafkas University, Kahramanmaraş İstiklal University, Kastamonu University, Mehmet Akif Ersoy University, Necmettin Erbakan University, Niğde Ömer Halisdemir University, Nişantaşı University, Siirt University, Sivas Cumhuriyet University, Van Yüzüncü Yıl University, Yozgat University*, Besides, there are also teachers working in the *Ministry of National Education*.

Many thanks to the authors who have shared their studies with us as well as to the referees who have made contributions with their valuable ideas. We would like to thank *Prof.Dr. Abdelkader Mohamed Abdelkader Elsayed, Assoc.Prof.Dr. Burçin Gökkurt, Assoc.Prof.Dr. Fakhra Aziz, Prof.Dr. Dzintra Ilisko, Assoc.Prof.Dr. Gökhan Dağhan, Prof.Dr. José María Fernández Batanero, Prof.Dr. Gülay Ekici, Prof.Dr. Orhan Karamustafaoğlu, Assoc.Prof.Dr. Özcan Özyurt, Prof.Dr. Osman Birgin, Assoc.Prof.Dr. Özkan Sapsağlam, and Prof.Dr. Pedro Tadeu* who are the editors of Volume 10 Issue 20.

We look forward to seeing you in the first issue of the Journal of Computer and Education Research (JCER) in 2023.

Editor-in-Chief
Prof.Dr. Tamer KUTLUCA
jcer.editor.in.chief@gmail.com

Journal of Computer and Education Research (JCER)

http://dergipark.org.tr/jcer