

Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-19. The COVID-19 resource centre is hosted on Elsevier Connect, the company's public news and information website.

Elsevier hereby grants permission to make all its COVID-19-related research that is available on the COVID-19 resource centre - including this research content - immediately available in PubMed Central and other publicly funded repositories, such as the WHO COVID database with rights for unrestricted research re-use and analyses in any form or by any means with acknowledgement of the original source. These permissions are granted for free by Elsevier for as long as the COVID-19 resource centre remains active.

Withdrawal Notice

WITHDRAWN: Machine learning and image analysis applications in the fight against COVID-19 pandemic: Datasets, research directions, challenges and opportunities

J. Somasekar^{a,*}, P. Pavan Kumar^b, Avinash Sharma^c, G. Ramesh^d

^a Department of CSE, Gopalan College of Engineering and Management, Bangalore, India

^b Department of CSE, Faculty of Science and Technology, IFHE, Hyderabad, India

^c Department of CSE, Maharishi Markandeshwar Engineering College, Maharishi

Markandeshwar (Deemed to be University), Mullana, Ambala, India

^d Deparment of CSE, GRIET, Bachupally, Hyderabad, Inida

This article has been withdrawn: please see Elsevier Policy on Article Withdrawal (https://www.elsevier.com/about/our-business/policies/article-withdrawal).

This article has been withdrawn as part of the withdrawal of the Proceedings of the International Conference on Emerging Trends in Materials Science, Technology and Engineering (ICMSTE2K21). Subsequent to acceptance of these Proceedings papers by the responsible Guest Editors, Dr S. Sakthivel, Dr S. Karthikeyan and Dr I. A. Palani, several serious concerns arose regarding the integrity and veracity of the conference organisation and peer-review process. After a thorough investigation, the peer-review process was confirmed to fall beneath the high standards expected by Materials Today: Proceedings.

The veracity of the conference also remains subject to serious doubt and therefore the entire Proceedings has been withdrawn in order to correct the scholarly record.

* Corresponding author.

E-mail address: jsomasekar@gmail.com (J. Somasekar).