

Guest Editorial Preface

Special Issue on Computer Applications in Brain and Behavioural Sciences

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We would like to present, with great pleasure, the inaugural special issue of a scholarly Journal of International Journal of Computers in Clinical Practices. This journal is part of the IGI- Global, and is devoted to the gamut of computational science, from theoretical aspects to application-dependent studies and the validation of emerging technologies. This special issue was envisioned and founded to represent the growing needs of computational science as an emerging and increasingly vital field, now widely recognized as an integral part of scientific and technical investigations in the field of brain and behavioral sciences. Computers are essential tool that offer a variety of applications in health care setup especially brain and behavioural sciences. Computer software that facilitate to conduct various computerized psychological testing, neuropsychological testing, personality, intelligence, vocational guidance and aptitude tests (Including test administration, response recording/scoring, and data analysis/ test interpretation) for jobs recruitment etc., brain pathological issues like brain imaging techniques for clinical correlations. Computer usage in online methods like teletherapeutic diagnosis, counseling and research but not limited too. This special issue focused on computers or assisted technology application in brain and behavioural sciences at health care set up. Articles that were reflects sustainable solutions where computer applications integrate with, and augment the professional education and treatment aspects of various branches of psychologists, including doctors, neurologists, neurosurgeons, and psychiatrists to enhance patient's health and wellbeing with cost effective treatment. Contributed articles reflects the in various aspects of the brain especially Brain Electrical Oscillation Signature Profiling (BEOS) the new technique described extracts information directly from memory, without having the individual respond to the statements - probes presented. Whereas, the other article was presented

with the usage of mobile devices, tablet and computers by people. Following the increased demand and their efficiency for regular use and to assess the feasibility of introducing tablet based screening tests for the Indian population and assumed to positive reception from clinical professionals, researchers, and patients. The editorial board of the International Journal of Computers and Clinical Practices (IJCCP), Chief-IGI and it is our hope that this fine collection of articles will be a valuable resource for who takes an interest in the problems related to computer applications in brain and behavioural sciences readers and will stimulate further research.

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