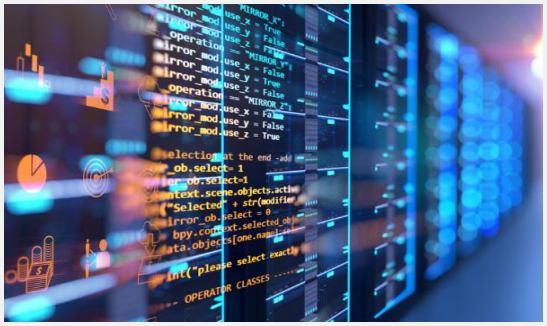
Springer

INTERNATIONAL CONFERENCE ON ADVANCES IN NANO-NEURO-BIO-QUANTUM (I-CAN – 2023)

October 26-27, 2023
Venue: Bengaluru, India.
THEME: Quantum glimpse



We are pleased to announce our International Conference on Advances in Nano-Neuro-Bio-Quantum (I-CAN – 2023) which will be a unique conference where we will connect Biological Function through Computational sciences to the world of integrated quantum physics, chemistry, biology, medicine and therapeutics. The quantum science is seeking insights in Bioinformatics through quantum computing which again is an interdisciplinary filed linking quantum physics, chemistry and biology with computer science. Quantum computers achieve unprecedented calculating capabilities by harnessing the bizarre properties of matter on the subatomic scale, where electrons exist as clouds of probability and pairs of entangled particles can interact instantaneously, irrespective of their distance apart. But how far are we from fully realizing this new class of computers? What are its prospects to advance the study of artificial intelligence? And, when, if ever, will psychological scientists be able to write programs that unlock some of the secrets of human cognition? For now, a daunting list of technological innovations stands in the way of answering these questions. We can, however, take a glimpse at the current frontier of quantum computing and consider the technological gaps that remain. This science along with traditional Indian sciences coupled with big data and bioinformatics aims to unfold the complex relationship between genotype and phenotype on a global (genome-wide) scale to different biological processes. Quantum neurobiology is a concept to which we are not yet fully accustomed to: it refers to a narrow field of the operation of quantum physics in the nervous system such as the emergence of higher cognitive functions like consciousness, memory, internal experiences, and the processes of choice and decision-making which are products of the warm-wet-noisy brain. According to quantum neurobiology, quantum physics is involved in biological processes, and consciousness, memory, internal experiences, and the processes of choice and decision-making, which are the products of the warm-wet-noisy brain, may be the result of the operations of quantum physics.

Call for research/review/case studies abstracts from computer science, genetics, quantum sciences, genomics, bioinformatics, big data, ancient Indian medical sciences, nano and neuroscience.
Topics of the session may include, but not limited to, the following:

- Big data in Bio-analysis
- Natural Language Processing
- Neurosciences and Nano-sciences
- Artificial Intelligence (IOT) and Machine Learning
- Quantum Bio-computing
- Quantum Psychology
- Quantum Information Technology
- Ethical Artificial Intelligence

Registration fee:

Categories	Early Bird	General
Students (UG and PG) and full-time researcher scholars (Online)	25 USD	40 USD
Academicians, Faculties and Industry personals	150 USD	200 USD

Organizing Secretariat		
1.	Patron	Dr. Vilas Sapkal
2.	Chairman	Dr. Sanjay N. Harke
3.	Convener	Dr. Archana Panche Dr. Preenon Bagchi
4.	Organizing Secretary	Dr. Rabinder Henry

Dates to remember:

	Submission	Notification	Registration
General	September 30, 2023	September 30, 2023	September 30, 2023

Jointly organized by:
MGM Institute of Biosciences and Technology,
Sarvasumana Association
https://mgmibt.com/
https://sarvasumana.in/

Guidelines for Manuscript Submission
Full paper should be prepared as per Springer guidelines.
I-CAN-2023 proceedings will be published in Advances in Intelligent Systems Research, a part of Springer Nature.
Selected papers will be published in the International Journal of Public Mental Health & Neuroscience (IJPMN) ISSN: 2394-4668, ISI impact factor: 1.629.
Manuscripts should be sent to pbagchi@mgmu.ac.in.

Call for Book Chapters
Authors of the selected abstracts will be invited to submit extended version of their paper to our upcoming book which will be published and distributed by Amazon. Book chapters should be mailed to pbagchi@mgmu.ac.in.