**Welcome to QMC**

QMC is a research group at the National Institute of Technology Kurukshetra, India. We are a team of academicians, researchers, and students working on multidisciplinary research projects focused on quantum computing, machine intelligence, and distributed computing.



Prof. Ashutosh Kumar Singh is the Director of QMC Research Lab and Professor in the Department of Computer Applications, National Institute of Technology Kurukshetra, Haryana, India (*an institution of national importance*). Prof. Singh has more than 20 years of rich experience in research, teaching, and administration in various educational and research institutes in the United Kingdom, Australia, Malaysia, and India. He obtained his doctorate in Electronics Engineering from the Indian Institute of Technology-BHU, India; Post Doc from the Department of Computer Science, University of Bristol, United Kingdom and Charted Engineer from the United Kingdom. Also, he is the recipient of the Japan Society for the Promotion of Science (*JSPS*) fellowship and visited the University of Tokyo and other universities in Japan. His research is focused on quantum computing, machine learning, cloud computing, big data analytics, and security and privacy.

**Research**

Our research primarily concentrates on various developments in quantum and reversible computing, predictive analytics, energy efficiency, security and privacy, and optimization.

Check out some of our recent publications in various domains:

**Research Theme**

Coming soon!