Genres of Nano Computers and Setbacks of Quantum Computing

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Abstract—Latest research on Nano Computers is giving a wide degree for Computer experts to go into another universe of Nanoscopic electronic period. The different sorts of Nano Computers like Nano Electronic Computer, Nano Mechanical Computer, Nano Chemical and Biochemical Computer and Quantum Computers will offer assistance in help to utilize and straightforwardness to make the assignment to be less difficult and less demanding. The wide region of research on the quantum processing is possibly another innovation, where a quantum PC keeps up a grouping of qubits. Qubits is the key unit in the Quantum Computing. There are many difficulties to be considered to fabricate a extensive scale quantum PC. Quantum cryptography is a best application for securing the inter network correspondence. This paper concentrates on Various Nano PCs and for the most part on significance of Quantum Processing.

Keywords: Nano computing, Qubits, Quantum, Nano Technology

INTRODUCTION
Nano Technology [1] has been produced mostly from the shifted ranges or distinctive spaces considering the various points of view and computational strategies. Nanotechnology is as a matter of fact a multi-disciplinary field. The analysts in every related zone and distinctive areas have come together to make the accomplishment of Nano Technology. Software engineering has played a critical part for the most part in look into apparatuses, case a virtual reality framework coupled to examining test gadgets in Nano Controller venture. As indicated by M. C. Roco, the third and fourth era of Nano Technology would depend vigorously on explore in software engineering. In most extreme instructive scholastic focuses and government labs, Nano Technology is supporting new exchanges and making a stamp for the understudies to notice and pick up the information. The effect of Nano Innovation is gradually spreading the whole instructive additionally, progressing research. Nano Technology will be utilized to handle and handle natural issues. Green Nano Technology [5] is additionally another progressing research, in which 'Green' handling advancements

APPLICATIONS OF NANO TECHNOLOGY
Nano Technology is involved in diverse fields of Electrical Engineering, Information Technology, Computer Science, Physics, Mechanical Engineering, Material Science, Life Sciences, Chemistry, Molecular Biology, Medicine and Mathematics. Uses of Nano Technology is spread in changed different regions and the vast majority of the specialists are engaged also, proceeding with the improvements in the Nano investigation. Uses of Nano Technology is spread in changed different regions and the vast majority of the specialists are engaged also, proceeding with the improvements in the Nano investigation.

Figure 1: Applications of Nano Technology in diverse fields

SIGNIFICANCE OF NANO TECHNOLOGY
Nano Technology [3] can be expressed as an ability to control, control, gather, deliver and fabricate the things at nuclear or minute exactness. Nano innovation permits with the development of littler circuits and PCs. Littler circuits [2] will keep running with a speedier empowering abilities with far more prominent PC speeds. Nano materials can make the PCs to have an any longer life. A portable PC could along these lines have its productivity expanded by million times to live more and work quicker to give obviously better an incentive for money related terms. Nano meter estimated sun powered cells could be created to give a great part of the vitality required far and wide and Nano materials will expand the productivity of energy components and batteries. In the coming future, Nano Technology will be utilized to handle and handle natural issues. Green Nano Technology [5] is additionally another progressing research, in which 'Green' handling advancements
will limit the age of unwanted item effluents by controlling toxic outflows. In upcoming time, Nano Sensors are being progressed in the following couple of years and will be utilized for quick and exact diagnostics. Further, Nano Innovation assumes a vital part that might be utilized to assemble fake muscle and ‘Lab on a Chip’ innovation will create proficient medication revelation forms.

REFERENCES


Srijani Ghatak is born in Kolkata, West Bengal. She received B.techn Computer Science and Engineering from K.I.I.T University in 2015 and M. tech in Computer Engineering from K.I.I.T University, Bhubaneswar. In 2014 she joined IBM India Pvt Ltd for 6 months. Then in 2016 she worked in Think and Learn Pvt Ltd as Digital Marketer for 9 months. She is an IBM Certified Mobile Application developer and a trained Digital Marketer. Currently she is working as an Assistant Professor in RSR Runget College of Engineering and Technology since 2016. Her research areas include cognitive radio, cloud computing, robotics.

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