



Nanotechnology in electronics seminar report

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See also: Distributed Computing Workshop and PPT with PDF Report Nanotechnology Workshop and PPT with PDF Report Nanotechnology is engineering rather than science, the main feature of nanotechnology is that it can build any chemically stable structure that is permitted by the laws of physics. Theoretical models and computational models point to the likelihood of molecular production systems and do not break existing physical laws, nanotechnology is commonly referred to as small science, and is associated with particle manipulation at the atomic level. When designing nanowires, the scientist needs to know parameters such as size, shape and strength, strength, movement, and other functions, and all these parameters are indeed a challenge for the scientist. Nanoscale materials provide different chemical properties than materials of large size, and all these chemical properties and physical properties form the basis for new applied sciences. The word nano is derived from the Greek word, and it means very tiny and nanotechnology is managed with a size range of 1-100nm, and this applied science is an art as well as science skillfully works in the matter of nano size. History of nanotechnology: Advanced researchers tend to have natural risks, but when approaching nanotechnology it suffers a unique burden. In 1989, Richard Feynman, who was a noble prize winner, originally designed the idea of molecular production in his speech that has plenty of room for the bottom. Richard Feynman was the chief scientist who suggested that machines and materials might ever need an atomic description. In 1986, Gerd Binnig and Heinrich Rohrer invented a scanning tunneling microscope and because of this invention, they were awarded a noble prize. Nanotechnology tools: Nanotechnology tools are as follows: Positional control Self-clamping Positional devices and positional controlled reactions Softwire Tunneling microscope Scanning Tunneling microscope Positional control: Positional control is the most important principle of nanotechnology and it is used Richard Feynman with the noble prize winner said that the laws of physics nothing stopped people from organizing atoms in the way that people wanted. Self-assembly: Self-assembly is a good thing and a powerful method of synthesis of complex molecular structures. Positional devices and positional controlled reactions: positional control and positional devices help to make things that become a little complicated if we do not use positional control. Softwire: Softwire is a measure of power, how far a particular thing moves, when we push it, if a particular thing moves more with a little push, then it's not stiff, and if it doesn't move any more, although we put a lot of pressure on it, then it's said to be very stiff. Scanning tunneling microscope: Scanning tunneling microscope is a machine that can place the tip of the atom's accuracy off the surface and can also move around. Application of nanotechnology: The application of nanotechnology is as follows: Nanotechnology has applications in the following areas: In advanced transport, such as smart cars Nanocomposites Nanocomposites in the range of which have high storage capacity in Molecular Electronics Military Electrical Applications for Social Energy For Medical Use These are some applications of nanotechnology and are many areas where nanotechnology is applied. Advantages of nanotechnology: The advantages of nanotechnology are as follows: nanotechnology is suitable for small scale and large-scale production. It has reduced risk, mass and energy consumption along with high productivity. It has advanced features such as reliability and robustness. See also: Wireless Mesh Network Workshop and PPT with PDF Report Nano Problems and Limitations: WHO, All great developments come with related problems, and some of them are as follows: Nanotechnology can't solve all of our current issues. There is a problem in testing of molecules in electronic circuitry. Nanoscale computing is unproven. It is the price of programmability. Nanotechnology impacts: The impact of nanotechnology on health and safety issues, political and social issues are as follows: Health and safety issues: nanoparticles can cause severe diseases and are dangerous to the human body. They have unusable destructive weapons of mass damage. Political and social issues: It creates social discord by improving the welfare gap. The will to improve the state of applied science makes it a political dilemma. Content workshop and pdf report on NANOTECHNOLOGY INTRODUCTION HISTORY NANOTECHNOLOGY NANOTECHNOLOGY TOOLS NANOTECHNOLOGY SIZE REFERS TO THE TRADITIONAL APPROACH FROM THE TOP APPROACH TO BREAKTHROUGH NANOTECHNOLOGY APPLICATIONS ROLE IN ENGINEERING HOW LONG? MEDIA SCENARIO BENEFITS NANO PROBLEMS AND CONTAMINATION CONCLUSION REFERENCES HERE WE ARE you Nanotechnology Workshop and PPT with PDF Report. All you have to do is simply click on the download link and get it. Nanotechnology PPT and seminar Free Download Nanotechnology pdf Report Free Download: I was all about Nanotechnology Workshop and PPT with pdf report. If you liked it then please share it or if you want to ask for something, then please hit the comment button. seminar and PPT with pdf report: nanotechnology has great potential to transform society, and molecular nanotechnology or nanotechnology is a unique way of producing applied science, using the help of this technology, we can build things from the atom up and can rearrange... Sure! ThankSant! Thanksumitsatish@gmail.com/amanindianblogger/ I'm passionate about blogging, then feel free to ask (Sidhu) Moha. Latest Workshops Topics PPT with PDF Report 2020 NANOTECHNOLOGY AS A DIAGNOSTIC TOOL DNYANU VICTORIA ENE (M.Sc 1/16/16) WORKSHOP WORK, SUBMITTED IN PART TO MEET THE REQUIREMENTS FOR A BACHELOR'S DEGREE IN MEDICAL LABORATORY SCIENCE (B.MLS) IN THE HEMATOLOGY/BLOOD TRANSFUSION SCIENCES (MEDICAL LABORATORY SCIENCES) AT MADONNA UNIVERSITY, ELES UNIVERSITY CAMPUS IN IVERSEA STATE, AUSTRALIA COURSE CODE: MLS 522 COURSE TITLE: SEMINAR LEADER MR. AJI GOWD ANSLEM Coordinator, Dr. ADARSHY O. AJI GOWD ANSLEM, 2015 CERTIFICATION March, 2015. Mr. Adarshy Anshlem Date Supervisor: Dr. Adarshy O. Adarshy Date Coordinator: Mrs. N. Dhee H.O Dribabu This work is devoted to the most sacred of Jesus Christ and the immaculate heart of Mary. COMMENDATION All thank you and praise be to God for his unwavering love, grace, blessings and grace. I am where I am, because He is who He is. To my beloved parents, I would like to thank you for your love and words of inspiration so that the good lord rewards you according to his riches and glory. Yours the best parents you could meet. He, and I love you. I am grateful for your careful and constructive criticism that gave me the problems to meet the needs of this essay. I would also like to recognize the seminar coordinator Dr. Adarshy, am you love, and may God reward the of my teachers in my department, who in one way or another contributed to the influence of knowledge and discipline in me... And to my brothers and sisters I want to say, I love you all, and appreciate all your support, so that you'll know no bounds. My course mates and friends Adia, Laurita, Lisiana, Ambrose, Simony and Dorcas you all experience joy, peace and Gods sending good everything for you. Amen SUMMARY Nanotechnology is a material manipulation on an atomic and molecular scale, changing the physical, chemical and biological properties to produce new materials, devices and systems. Nanomaterials have significant properties, such as high surface-to-volume ratio, catalytic activity and biocompatibility, which make them suitable for a variety of biomedical applications. Nanotechnology has a prospective to improve the entire healthcare process for patients: from diagnosis to treatment and observation. Nanotechnology-based medical diagnostics provide two main advantages: rapid testing and early diagnosis. The potential contribution of nanotechnology to medical diagnosis is extremely wide and improves traditional diagnostic tools and methods in the field of clinical diagnosis, imaging and electrodagnosis. New modalities such as biotech, microscopy, nano-biomechanics, micro-electromechanical systems, lab-on-a-chip and nanobiosensors have revolutionized the field of medical diagnosis. Nanoscale materials and nano-learning are used in diagnostic diseases such as cardiovascular diseases, cancer, diabetes, infectious diseases, musculoskeletal disorders, etc.. Among all the medical applications of nanotechnology, nanosensors, especially the enzyme nanobiosensor, are sensitive, reliable, stable, reproducible and cost-effective diagnostic tools that meet health care requirements. Nanotechnology also has shortcomings, such as the availability, the most powerful and the most destructive of atomic weapons. Because nanotechnology uses small particles, it also gives problems such as inhaling these minute particles much like the problems a person gets from inhaling minutes of asbestos particles. TABLE OF CONTENTS Cover page I Certification Confirmation Summary Contents Introduction 2 2.1. Nanomaterials in medical diagnostics 2.1.1. Nanomaterials in medical diagnostics 2.1.2. Nanomaterials in medical diagnostics 2.1.3. Nanomaterials in medical diagnostics 2.1.4. Nanomaterials in medical diagnostics 2.1.5. Nanomaterials in medical diagnostics 2.1.6. Nanomaterials in medical diagnostics 2.1.7. Nanomaterials in medical diagnostics 2.1.8. Nanomaterials in medical diagnostics 2.1.9. Nanomaterials in medical diagnostics 2.1.10. Nanomaterials in medical diagnostics 2.1.11. Nanomaterials in medical diagnostics 2.1.12. Nanomaterials in medical diagnostics 2.1.13. Nanomaterials in medical diagnostics 2.1.14. Nanomaterials in medical diagnostics 2.1.15. Nanomaterials in medical diagnostics 2.1.16. 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