

NANOTECHNOLOGY APPLICATIONS

OBJECTIVE

The Department of Physics have given awareness on nanotechnology applications to the students.

Nanotechnology is the term given to those areas of science and engineering where phenomena that takes place at dimensions in the nanometre scale are utilised in the design , characterisation ,production and application of materials, structures , devices and systems

Nanotechnology have many applications



ACTIVITIES

- Speech by Head of the department
- Preparation of charts by students
- Preparation of modeles

Nano technology applications

- Speech by the head of the department

The head of the department explain some applications of nano technology's use of smaller sized materials allowed for adjustment of molecular and substances of the nano scale level, which can further enhance the mechanical properties of materials.

Nano tubes can help cancer treatment they have been shown to be effective tumor killers in those with kidney or best cancer multi walled nanotubes are injected with tumor treated with a laser. This nanotubes vibrate in response to the laser and heat is generated when tumor has been heated enough the tumor cells begin die process like this are have been able to shring kidney tumors by up to four fifths.

- Micellar nano practical is one of the latest field applied in cosmetic products that becoming treading and widely commercialized in local and international market. oil in water nanoemulsion playing a major role and effective formulation in cosmetics such as make-up remover, facial cleanser, anti-aging lotion, sunscreen and other water basied on the cosmetic formulation.
- Indian former fertilizers cooperative limiy(IFFCO)has introduced the world's first Nano urea,an innovative solution for reducing environmental pollution and soil health Nanoparticle for the development of insect-resiatant varieties, food processing and storage and increased product shelf life.

The Head of English department Sudharani madam shared a few words about nanotechnology with the students .



Students made some charts and discussed some points about Nanotechnology with the other students



Students also prepared some models on Nanotechnology

