

NANOTECHNOLOGY and its Big Strides

To spread awareness and curiosity among students about the wonders and applicability of science and to keep them up to date with the recent advancements in various emerging scientific fields, VISTAAR, an initiative by Sri Venkateswara College, DU, was organized on 1st November, 2019. The department of Physics was involved in the setup of two major impactful fields, namely the astronomy stall and the nano stall. The main theme of the Nano stall was based on sustainable development which mainly hovered around the area of energy harvesting and storage for a better and less polluted future. What nanotech does is that it tries to enhance the already existing technologies using the varied properties at the nanoscale, where properties of even familiar materials look strikingly different. The energy based theme was the primary concern for the fact that harnessing and storage of energy in an efficient manner is one of the major callings for the huge demand supply the world is facing in recent times. For the same, students had made models and posters. The posters included an introductory one, another based on energy harvesting and yet another on energy storage. One poster was made on the ongoing nano based research done by students and teachers of the college. Explanations were given to the the visiting students as well as the interested teachers as to how big the role of nanotechnology has become and how its importance is getting bigger and bigger. To keep their interests piqued, a quiz based game was also designed. The participation and enthusiasm revealed that this field has gained much interest in recent times, given its high output rate based on novel and innovative techniques

Tanushree Chowdhury
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