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Seminar on nanotechnology ends

Staff Reporter

The national seminar on 'New Frontiers in Chemical Science and Technology', organised by the PG Department of Chemistry of the NSS Hindu College concluded here on Saturday.

On the concluding day of the two-day seminar, Dr. Sabu Thomas, Director, School of Chemical Sciences, Mahatma Gandhi University, presented a paper on 'Nano Structure in Polymer Blends'. According to him, high-impact, super-tough nano microstructured blends has been developed from epoxy resin and other black copolymers for aerospace applications.

These blends have many applications in aerospace, automotive space and marine applications. These new composite materials are light-weight and exhibit excellent mechanical properties, pointed out Dr. Thomas.

Dr. George Thomas, Senior Scientist, National Institute for Interdisciplinary Science and Technology (NIIST), presented a paper on 'Light-matter interactions in Nanoscale'. He pointed out that materials of smaller size and shape possess interesting optical and electrical properties.

The presentation discussed the latest properties of semi-conductor metal and carbon-based nano materials. Dr. Thomas also elaborated on the theory behind the emergence of new properties and methods, through which one could synthesise such materials.

NSS Colleges' Central Committee Secretary Prof. R. Prasannakumar was the chief guest during the valedictory function.