



CSIR- National Physical Laboratory
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Dr. Poonam Arora awarded the CSIR Young Scientist Award in Physical Sciences



Dr. Poonam Arora



Dr. Poonam Arora, Scientist receiving the Young Scientist Award from Hon'ble Prime Minister, Dr. Manmohan Singh & Director General, CSIR Prof. Samir K. Brahmachari

Dr. Poonam Arora, a scientist in the Time & Frequency Division of CSIR-NPL, New Delhi was awarded the CSIR Young Scientist Award 2012 in Physical Sciences. The award has been conferred upon her for her crucial contributions to the Cesium Fountain Frequency Standard bringing together a variety of scientific and technological skills in a unique effort in the country.

Dr. Arora received M.Sc. (Physics) and M. Tech. (Applied Optics) degrees from IIT Delhi and PhD in Physics from Technical University of Darmstadt in Germany. She is recipient of Perfect Ten Gold Medal at IIT Delhi and received DAAD and DFG fellowships for M.Tech. and PhD projects at Germany. She Joined CSIR-NPL in 2009 after doing one year post-doc at TU Darmstadt, Germany.

At CSIR-NPL, Dr. Arora has been working with Dr. Amitava Sen Gupta on development of Cesium fountain frequency standard which is an extensive technological development project involving many areas of Physics and Instrumentation. Dr. Arora's work has been published in several journals and conference proceedings.