

Faculty Profile

Name: **Dr. T. Shreecharan**
Designation: Assistant Professor
Teaching Areas: Engineering Physics 1 & 2
Research Interests: Mathematical Physics.
Education: Ph.D. Physical Research Laboratory, Ahmedabad, 2006.
M. Sc. (Physics) University of Hyderabad, Hyderabad, 1999.
B.Sc. (Physics), Loyola College, University of Madras,
Chennai, 1996.



Research / Selected Publications:

1. B. A. Bambah, C. Mukku, T. Shreecharan, K. Siva Prasad, Entanglement in a model for Hawking radiation: An Application of Quadratic Algebras, Ann. Phys. 330 (2013) 201.
2. Sumit K. Garg, T. Shreecharan, P. K. Das, N. G. Deshpande, G. Rajasekaran, TeV scale implications of non-commutative space time in laboratory frame with polarized beams, J. High Energy Phys. 1107 (2011) 024.
3. T. Shreecharan, K. V. S. Shiv Chaitanya, Aspects of coherent states of nonlinear algebras, J. Math. Phys. 51 (2010) 123511.
4. T. R. Govindarajan, Pramod Padmanabhan, T. Shreecharan, Beyond fuzzy spheres, J. Phys. A 43 (2010) 205203.
5. T. Shreecharan, P. K. Panigrahi, J. Banerji, Coherent states for solvable potentials, Phys. Rev. A 69 (2004) 12102.