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**Date of Joining** : 19.01.2012

**Experience** : Teaching: **8** years; Research: **13** years

**Field of specialization** : Theoretical, Computational and Experimental Physics /Soft matter Physics / Statistical Physics / Polymer Physics/ Irreversible thermodynamics / q-Statistics

**Courses Taught** : Statistical, Quantum and Classical mechanics, Heat & Thermodynamics, Nuclear and Particle Physics, Optics and Acoustics, Monte Carlo Techniques

**Number of research papers /  
Articles published** :

Published	Journals	Seminars/ Workshops/ etc.,	Impact / H-index
International	12	4	H-index: 4
National	1	4	--

**Conferences/seminars/workshops papers presented** : 5

**Guidance** : M.Sc.Project: 4 Ph.D.: Ongoing-3

**Organizing the conferences/seminars/workshops** : National: 3

**Publications:**

1. “Tsallis Statistics Generalization of nonequilibrium work relations”  
*M. Ponmurugan, Phys. Rev. E* **93**, 032107 (2016).
2. “Transient-state fluctuationlike relations for the driving force on a biomolecule ,”  
*M. Ponmurugan, and S. Vemparala, Phys. Rev. E (Rapid)* **84**, 060101 (2011).
3. “Generalized detailed Fluctuation Theorem under nonequilibrium feedback control”  
*M. Ponmurugan, Phys. Rev. E* **82**, 031129 (2010).

**Link:** <https://scholar.google.co.in/citations?user=VSs8ufwAAAAJ&hl=en>