


<b>Personal Profile</b>		
NAME	Goutam Mukherjee	
ADDRESS with Email	Mohishila Colony, Asansol-713303. Email.-goutam.krishna@gmail.com	
Highest qualification	Ph.D	
TEACHING EXPERIENCE	36 years	
TOPICS TAUGHT	Wave and Oscillation, Thermal Physics, Quantum Physics, Statistical Mechanics etc.	
RESEARCH EXPERIENCE	10 years and above	
REASEARCH AREA	Complex network	
Award and Recognition (if any)	-----	
Membership (if any)	-----	
Other activity (if any)	Working as Research Associate in S N Bose institute, Kolkata	
List of Publications (chronological order-latest to oldest) (books, book chapters, journal and conference publications)	<p><b>Book Chapter:</b>  <b>The International Trade Network</b> , K. Bhattacharya · G. Mukherjee · S. S. Manna  Econophysics of Markets and Business Networks, Edited by ArnabChatterjee, Bikas K. Chakrabarti, 12/2006: pages 139-147; Springer Milan., ISBN: 978-88-470-0664-5</p> <p><b>Research Publications:</b></p> <ol style="list-style-type: none"> <li>1. AbhijitChakraborty · G Mukherjee · S S Manna, <b>Weighted network analysis of earthquake seismic data</b> Physica A: Statistical Mechanics and its Applications 04/2015; 433:336-343. DOI:10.1016/j.physa.2015.03.037 · 1.73 Impact Factor</li> <li>2. AbhijitChakraborty · G. Mukherjee · S. S. Manna, <b>Conservative self-organized extremal model for wealth distribution</b> , Fractals 05/2012; 20(2):163. DOI:10.1142/S0218348X12500156 · 1.22 Impact Factor</li> <li>3. Satyam Mukherjee · NeelimaGupte · Gautam Mukherjee, <b>Statistical characterizers of transport in communication networks</b> , Physical Review E 04/2010; 81(4 Pt 2):046109. DOI:10.1103/PhysRevE.81.046109 · 2.29 Impact Factor</li> <li>4. Satyam Mukherjee · Gautam Mukherjee · NeelimaGupte, <b>Message transport characteristics in communication networks,</b></li> <li>5. Arabinda Ray · UtpalBiswas · Ashoke Mukherjee · Krishna Chandra Sarker · KausikSamajdar · Gautam Mukherjee,</li> </ol>	

**Assessment of iodine and non-iodine deficiency hypothyroidism in women of reproductive ages in the Sub-Himalayan Plains of West Bengal**, Indian journal of physiology and pharmacology 10/2009; 53(4):359-64.

6. A. K. Nandi · G. Mukherjee · S. S. Manna, **Correlations and clustering in a scale-free network in Euclidean space**, Pramana 02/2009; 71(2):391-401. DOI:10.1007/s12043-008-0173-2 · 0.65 Impact Factor
7. Satyam Mukherjee · NeelimaGupte · Gautam Mukherjee, **Statistical Characterizers of Transport in a Communication Network**
8. K. Bhattacharya · G. Mukherjee · S. S. Manna, **The International Trade Network**,
9. K. Bhattacharya · G. Mukherjee · J. Saramaki · K. Kaski · S. S. Manna, **The International Trade Network: weighted network analysis and modelling**, Journal of Statistical Mechanics Theory and Experiment 01/2007; DOI:10.1088/1742-5468/2008/02/P02002 · 2.40 Impact Factor
10. G Mukherjee · S S Manna, **A-079: Weighted scale-free networks in Euclidean space using local selection rule.**, Physical Review E 10/2006; 74(3 Pt 2):036111. DOI:10.1103/PhysRevE.74.036111 · 2.29 Impact Factor
11. G. Mukherjee · S. S. Manna, **A-078: Weighted scale-free network with self-organizing link weight dynamics**, Journal of Statistical Mechanics Theory and Experiment 05/2006; DOI:10.1088/1742-5468/2006/05/L05001 · 2.40 Impact Factor
12. G Mukherjee · S S Manna, **A-077: Phase transition in a directed traffic flow network** Physical Review E 07/2005; 71(6 Pt 2):066108. DOI:10.1103/PhysRevE.71.066108 · 2.29 Impact Factor
13. G. Mukherjee · S.S. Manna, **Traffic flow on directed square lattice**, Physica A: Statistical Mechanics and its Applications 02/2005; 346(1-2):132-138. DOI:10.1016/j.physa.2004.08.059 · 1.73 Impact Factor
14. K. Bhattacharya · G. Mukherjee · S. S. Manna, **Detailed simulation results for some wealth distribution models in Econophysics**,
15. S S Manna · G Mukherjee · ParongamaSen, **A-071: Scale-free network on a vertical plane**, Physical Review E 01/2004; 69(1 Pt 2):017102. DOI:10.1103/PhysRevE.69.017102 · 2.29 Impact Factor
16. ParongamaSen · SubinayDasgupta · ArnabChatterjee · PA Sreeram · G Mukherjee · S S Manna, **Small-world properties of the Indian Railway network**, Physical Review E 04/2003; 67(3 Pt 2):036106. DOI:10.1103/PhysRevE.67.036106 · 2.29 Impact Factor
17. G Mukherjee · S S Manna, **A-062: Quasistatic scale-free networks.**, Physical Review E 01/2003; 67(1 Pt 1):012101. DOI:10.1103/PhysRevE.67.012101 · 2.29 Impact Factor.