Faculty Profile

Name : Dr.Sobinder Singh

Designation : Associate Professor

Qualifications : Ph.D.

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Area of Interest/Specialization: **Cloud computing/Electronics**

Experience : 15 years

. Key Publications

1. Use of Information Technology in Indian farm sector, "BODH", BPITs International Journal of Technology & Management Volume-4, Issue-II, 2018.
2. Proposed Monte Carlo method to simulate the energy distribution of the chaotic nano systems undergoing random BIS processes in the environment, Invertis Journal of Renewable Energy,ISSN:2231-3419,2016
3. Calculation of Boltzman-Shannon entropy to study the energetic behaviour of the chaotic nociceptons in four dimensional BIS space using Ricci flow equations, Invertis Journal of Renewable Energy,ISSN:2231-3419,2016.
4. BIS Load, BIS Field, BIS Index and Matrix string Theory for BIS Effect, Acta Ciencia Indica , Vol. xxxi June2005.

Papers presented in Conferences:

1. Electrical properties of PU/CdS nanocomposites, 7th National conference on Advances in Metrology, March 5-6.2021, MSIT Delhi, 2021 **(Springer).**
2. A survey on techniques to achive energy efficiency in cloud computing. *IEEE* (International Conference 2016 **(Scopus).**
3. *Nano-scale Molecular Technology and their Relationship with the Dynamism of Solitons,* Thirteenth national seminar on ferroelectrics and Dielectrics , Department of Physics and Astrophysics University of Delhi ,Delhi,2004.
4. Role of Information Technology (IT) in Advancing Different Disciplines of Bisology, National Seminar On Role of Information Technology in Education Progress, Department of Teacher Education Digamber Jain College,2004.
5. *Impact of BIS Processes on Universal Networking,* National conference on Emerging Areas in Applied Physics, Dhanbad, 2004.

Book Chapter/Books published:

1. Elements of Engineering PHYSICS, SatyaPrakashan Karol Bagh New Delhi, and ISBN: 978-93-5192-185-1.
2. Physics, SatyaPrakashan Karol Bagh New Delhi, ISBN: 978-93-5192-0595.

3. Engineering Physics (Volume-I), SatyaPrakashan Karol Bagh New Delhi, ISBN: 978-93-5192-059-5.
4. Engineering Physic (Volume-II), SatyaPrakashan Karol Bagh New Delhi, ISBN: 978-93-5192-094-6.
5. Entropy Amplification by fisheries, Kindle Book E-BOOK, ISBN: 978-93-5281-236-3.
6. Complex BIS Load, Paramamitra Prakashan, Dilshad Garden,Delhi,IS8N:1-18970-68-8

Memberships of Professional bodies:

1. Life time member of Metrology Society of India (CSIR, NPL New Delhi).

Other Contributions:

1. Head of the Department (Applied science, 2nd shift) Nov. 2020 to till date.
2. Discipline / Anti Ragging Committee Convener, from2019 to till date.