

CURRICULUM VITAE

Dr. Yogesh K. Vermani	
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EDUCATIONAL QUALIFICATIONS

Qualification	University/Board	Qualifying Year	Percentage
Ph.D (Nuclear Science)	Panjab University, Chandigarh.	2011	-----
M.Sc.	IIT Roorkee, Roorkee.	2003	CGPA=7.79
B.Sc	Punjabi University, Patiala.	2001	63.92 %

EMPLOYMENT DETAILS

Designation	Name of Organization	Period
Assistant Professor in Physics	Dept. of Applied Sciences, ITM University, Gurgaon.	August 2010- June 2012
Assistant Professor in Physics	Department of Physics, Sri Guru Granth Sahib World University, Fatehgarh Sahib.	July 2012-Till date.

MEMBERSHIPS/ASSIGNMENTS/TRAINING

1. Life membership of Indian Physics Association (IPA)
2. Member, Board of Studies in Physics, Sri Guru Granth Sahib World University, Fatehgarh Sahib.

LANGUAGES KNOWN

English, French, German, Hindi and Punjabi

COMPUTER SKILLS

- Languages: Fortran-77/90, C/C++
- Hardware: IBM and SUN servers: operation, maintenance & networking.
- Operating Systems: Windows XP, Red Hat Enterprise Linux, Solaris 10/11
- Software: MS OFFICE, Latex, Graphics, Mathematica, MATLAB, OPEN OFFICE.

AWARDS/DISTINCTIONS/HONORS

1. Holder of Merit Scholarships in Class X and XII
2. CSIR-NET qualified (held on June 22, 2003) with position among top 20% students.
3. GATE qualified (held in Feb. 2003) with *GATE Score = 96.78 Percentile and All India Rank = 72.*
4. Holder of UGC Meritorious Students Fellowship (29-07-2009 to 31-07-2010)
5. Third Prize for Best Poster Presentation in Ist Chandigarh Science Congress, Panjab University, Chandigarh (March 10-11, 2007).
6. On the panel of Referees for Physical Science Journals:
 - (a) IOP Journals
 - (b) Central European Journal of Physics (CEJP)
 - (c) International Journal of Physical and Social Sciences (IJPSS)

PUBLICATIONS IN REFEREED JOURNALS

- 1. Microscopic approach to the spectator matter fragmentation from 400 to 1000 AMeV**
Yogesh K. Vermani and Rajeev K. Puri
Europhysics Letters **85**, 62001-p5 (2009). [5 pages] [Impact factor: 2.17 (2011)]
- 2. Momentum Dependence of Nuclear Mean Field and Multifragmentation in Heavy-Ion Collisions**
Yogesh K. Vermani, Supriya Goyal and Rajeev K. Puri
Physical Review C **79**, 064613- 064617 (2009). [6 pages]
[Impact factor: 3.308 (2011)]
- 3. Mass Dependence of Onset of Multifragmentation in Low Energy Heavy-Ion Collisions**
Yogesh K. Vermani and Rajeev K. Puri
Journal of Physics G: Nucl. Part. Phys. **36**, 105103 (2009). [8 pages]
[Impact factor: 4.178 (2011)]
- 4. Study of fragmentation using clusterization algorithm with realistic binding energies**
Yogesh K. Vermani, Jatinder K. Dhawan, Supriya Goyal , Rajeev K. Puri, and Jörg Aichelin
Journal of Physics G: Nucl. Part. Phys **37**, 015105 (2010). [8 pages]
[Impact factor: 4.178 (2011)]
- 5. Entropy and light cluster production in heavy-ion collisions at intermediate energies**
Yogesh K. Vermani and Rajeev K. Puri
Nuclear Physics A **847**, 243 (2010). [10 pages] [Impact factor: 1.95 (2011)]
- 6. Dynamical approach to spectator fragmentation in Au +Au reactions at 35 AMeV.**
Yogesh K. Vermani and Rajeev K. Puri
Central European Journal of Physics **9**, 621-627 (2010). [7 pages]
[Impact factor: 0.909 (2011)]

7. Remarks on the non-equilibrium effects and collision dynamics in heavy-ion collisions

Yogesh K. Vermani and Mandeep Kaur

Physica Scripta **82**, 045202 (2010). [7 pages] [Impact factor: 1.204 (2011)]

8. Probing nuclear compressibility via fragmentation in Au + Au reactions at 35 AMeV

Yogesh K. Vermani, Rajiv Chugh, and Aman Deep Sood

Ukrainian J. Physics **55**, 1071 (2010). [7 pages] [Impact factor: 0.03 (2011)]

9. Spectator fragmentation in nucleus-nucleus collisions: Phase space approach

Yogesh K. Vermani and Ashok Jangid

Journal of Physics: Conference Series **381**, 012132 (2012) [6 pages]

10. Isospin Dependence of Cluster Recognition and Multifragment Production

Rajni and Yogesh K. Vermani

AIP Conference Proceedings **1728**, 020357 (2016). [4 pages]