




KIRORI MAL COLLEGE, UNIVERSITY OF DELHI



Title	Mr.	First Name	Mayank	Last Name	Dimri	
Designation		Assistant Professor				
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Educational Qualifications						
Degree		Institution			Year	
MSc Physics		University of Delhi			2017	
BSc(H) Physics		University of Delhi			2015	
Career Profile						
Teaching in Kirori Mal College, University of Delhi, from December 2020						
Areas of Interest / Specialization						
Atomic Processes in Plasma: Atomic Structure and Collision Cross Section Calculations						
Subjects Taught						
1. Advanced Mathematical Physics –I 2. Advanced Mathematical Physics-II Computer Lab e.g. Scilab, C++ Lab, and Physics Lab						
Publications Profile						
a. Research Paper						
1. A. K. Singh, M. Dimri, D. Dawra, A. K. S. Jha and M. Mohan, Can. J. Phys. 97, 436 (2018)						
2. A. K. Singh, M. Dimri, D. Dawra, A. K. S. Jha, N. Verma and M. Mohan, Radiat. Phys. Chem. 156, 174 (2019)						
3. A. K. Singh, M. Dimri, D. Dawra, A. K. S. Jha and M. Mohan, J. Phys. B: At. Mol. Opt. Phys. 52, 075002 (2019)						
4. A. K. Singh, D. Dawra, M. Dimri, A. K. S. Jha and M. Mohan, Eur. Phys. J. D 73, 85 (2019)						
5. A. K. Singh, D. Dawra, M. Dimri, A. K. S. Jha, R. Sharma and M. Mohan, Radiat. Phys. Chem. 168, 108447 (2020)						
6. A. K. Singh, D. Dawra, M. Dimri, A. K. S. Jha and M. Mohan, Phys. Plasmas 26, 062704 (2019)						

7. A. K. Singh, D. Dawra, M. Dimri, A. K. S. Jha, R. K. Pandey and M. Mohan, Phys. Lett. A 384, 126369 (2020)
8. D. Dawra, M. Dimri, A. K. Singh, A. K. S. Jha and S. S. J. At. Mol. Condens. Nano Phys. 6, 103 (2019)
9. M. Dimri, D. Dawra, A. K. Singh, A. K. S. Jha, R. K. Pandey and M. Mohan, Atomic structure and radiative properties of He-like Ni^{26+} ion in dense plasma (<https://doi.org/10.1139/cjp-2020-0036>)
10. M. Dimri, D. Dawra, A. K. Singh, A. K. S. Jha, R. K. Pandey and M. Mohan, Eur. Phys. J. D 75, 1 (2021)
11. M. Dimri, D. Dawra, A. K. Singh, R. K. Pandey, A. K. S. Jha and M. Mohan, Fine structure calculations of excitation energies, lifetimes and radiative properties of S-like Kr XXI (accepted manuscript in Radiation Physics and Chemistry).
12. M. Dimri, D. Dawra, A. K. Singh, R. K. Pandey, A. K. S. Jha, R. Sharma and M. Mohan, Influence of strongly coupled plasma on the low-lying transitions of Be-like ions (in communication)
13. D. Dawra, M. Dimri, A. K. Singh, R. K. Pandey, A. K. S. Jha, R. Sharma and M. Mohan, Theoretical study on the energies, radiative properties and lifetimes for N-like W LXVIII (in communication)

Conference / Workshops/Training Organized

1. Member of Organizing Committee of International Conference on Atomic, Molecular, Optical & Nano Physics with Applications (CAMNP 2019), Delhi Technological University, New Delhi, India, December 18-20, 2019.

Association with Professional Bodies

1. Member of Atomic and Molecular Data Unit, International Atomic Energy Agency, Vienna, Austria (<https://amdis.iaea.org/GNAMPP/groups/26>)



Signature of Faculty Member