

Bhupesh Kumar

Assistant Professor

Department of Physics, University of Lucknow, Lucknow

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Academic qualifications

- M.Sc.–Ph.D. (dual degree) Physics
Indian Institute of Technology Kanpur, India
- B.Sc. (Honors) Physics
Banaras Hindu University Varanasi, India
- CSIR-JRF & NET

Research interests:

- Laser produced plasmas, Laser-plasma interaction and plasma-plasma interaction
- Laser wakefield acceleration, plasma wakefield acceleration and THz generation

Professional experience

- Assistant Professor, Department of Physics, University of Lucknow
- Post Doc. Fellow, Weizmann Institute of Science, Israel
- Post Doc. Fellow, Institute for Plasma Research Gandhinagar
- Senior Research Fellow, Indian Institute of Technology Kanpur
- Junior Research Fellow, Indian Institute of Technology Kanpur

Awards: Start Up Grant by UGC India (2017)

Life Member: **Plasma Science Society of India**

Publications: Refereed International Journals

1. A Mondal, Bhupesh Kumar, R K Singh, H C Joshi, and Ajai Kumar, Physics of Plasmas **26**, 022102 (2019)
2. Bhupesh Kumar, R K Singh, and Ajai Kumar, Physics of Plasmas **23**, 043517 (2016)
3. Bhupesh Kumar, R K Singh, Sudip Sengupta, P K Kaw and Ajai Kumar, Physics of Plasmas **22**, 063505 (2015)

4. Bhupesh Kumar, R K Singh, Sudip Sengupta, P K Kaw and Ajai Kumar, Physics of Plasmas **21**, 083510 (2014)
5. Bhupesh Kumar, R K Singh and A Kumar, Physics of Plasmas **20**, 083511 (2013)
6. Bhupesh Kumar, S K S Patel, N S Gajbhiye, and R K Thareja, J. Laser Appl. **25**, 042012 (2013)
7. Bhupesh Kumar and R K Thareja, Physics of Plasmas **20**, 053503 (2013)
8. Bhupesh Kumar and R K Thareja, Physics of Plasmas **19**, 033516 (2012)
9. Bhupesh Kumar, D Yadav and R K Thareja, J. Appl. Phys. **110**, 074903 (2011)
10. Bhupesh Kumar and R K Thareja, J. Appl. Phys. **108**, 064906 (2010)
11. Bhupesh Kumar and R K Thareja, Phys. Stat. Sol. C **7**, 1409 (2010)

Conferences: 13 in the proceedings of various National and International conferences

Invited Talks delivered at

1. Department of Physics, University of Lucknow, Lucknow (May 2019).
2. TIFR Mumbai (Feb 2015)
3. IPR Gandhinagar (Nov 2013)
4. IPR Gandhinagar (Aug 2012)

PhD thesis supervision (continued)

1. Dinkar Mishra
2. Saumya Singh