Dr. Ravi Bhatia

Presently working as
Assistant Professor
Dept of Physics, Guru Jambheshwar
Univ of Science & Technology
(GJU S&T), Hisar, INDIA

E-mail: bhatia.phy@gmail.com

Mobile No.:+ 91 7056275453

Key Achievements

- ASST Prof. at GJU S&T, Hisar [May 2017-Present].
- DST INSPIRE Faculty Award [Nov 2015 – Present].
- Post Doctoral Fellow [Feb 2015 - June 2015], Institute of Nanoscience and Technology, Mohali.
- Post Doctoral Fellow [March 2014- Dec 2014], HINT (SAINT), Sungkyunkwan University, South Korea.
- Post Doctoral Fellow [July 2013- Feb 2014], CINAP (IBS), Sungkyunkwan University, South Korea.
- Research Fellow [March 2012- March 2013], Department of Materials Science and Engineering, National University of Singapore, Singapore
- Junior Research Associate [Jan 2012- March 2012], Department of Physics, Indian Institute of Science, Bangalore, India
- 33 Publications in Scientific International Journals + 04 Conference papers
- 01 Book Published (Lambert Academic Publishing, Germany, 2016; ISBN: 978-3-659-89050-5)
- 07 Presentations in International Conferences
- 01 Best Paper Award (ICMAT @ Singapore-2011)
- Google Scholar Citations: 550; H-index : 13
  http://scholar.google.com/citations?user=CaBNJpcAAAAJ&hl=en

Awards

- DST INSPIRE Faculty Award (2015)
- IISc Senior Research Fellowship (Jan 2009- Dec 2011)
- INSA Travel Award for participating in ICMAT Singapore (2011)
- Meritorious Research Student Award (2010)
- IISc Junior Research Fellowship (Jan 2007- Dec 2008)
- CSIR-NET Lectureship Award (2006)

DST INSPIRE Faculty Award and Research grant

- Prestigious Award given to very few candidates by the Department of Science and Technology, New Delhi, INDIA after a rigorous selection procedure
- Selected DST INSPIRE Faculty Awardees are considered equivalent to entry level Assistant Professor at IITs
- DST INSPIRE Faculty Award is tenable for 5 years
- A research grant of Rs. 7 lakhs per year for 5 years is sanctioned by DST

Academic Background

- **Ph.D. (Awarded: June 2012)** from Department of Physics, Indian Institute of Science, Bangalore, India. [Course work **CGPA-6.3** (Maximum 8.0)]

Ph.D. Thesis title: Low Temperature Charge Transport and Magnetic Properties of MWNTs / MWNT-Polystyrene Composites

- **M.Sc. (2005)** [Physics] from Department of Physics, Maharshi Dayanand University, Rohtak, Haryana. **Class: First** (**68.2%**)
- **B.Sc. (2003)** [Physics, Mathematics] from University College, Maharshi Dayanand University, Rohtak, Haryana. **Class: First** (**76.4%**)
- **10+2 (2000)** [Physics, Chemistry, Mathematics] from Govt. Sr. Sec. School, Rohtak, Haryana. **Class: First** (**70.5%**)
- **10th (1998)** from Jain Sr. Sec. School, Rohtak, Haryana. **Class: First** (**76.2%**)

Research Experience

- **DST INSPIRE Faculty [DST/INSPIRE/04/2015/000902] [Nov 2015-Present]**
- **Post Doctoral Fellow [Feb 2015 – June 2015] at INST Mohali**
- **Post Doctoral Fellow [July 2013 – Dec 2014] Sungkyunkwan University, South Korea.**
- **Research Fellow [March 2012 – March 2013] at Department of Materials Science & Engineering, NUS Singapore.**
- **Junior Research Associate [Jan 2012 – March 2012] at Department of Physics, Indian Institute of Science, India**
- **Research Scholar [Jan 2007 – Dec 2011] at Department of Physics, Indian Institute of Science, India**

Theory Courses Taught

- Electricity and Magnetism (UG Core course) Jan – May 2016 at Panjab University
- Electricity and Magnetism (UG Elective course) July–Dec 2016 at Panjab University
- Mechanics (UG Core course) July–Dec 2017 at GJU S&T, Hisar
- Methods of Experimental Physics (UG course) Jan–May 2018 at GJU S&T, Hisar
- Mechanics (UG Core course) July–Dec 2018 at GJU S&T, Hisar
- Methods of Experimental Physics (UG course) Jan–May 2019 at GJU S&T, Hisar
- Methods of Experimental Physics (UG course) Jan–May 2020 at GJU S&T, Hisar

Thesis/ project Supervision

- Currently, I am guiding five (05) for PhD thesis at Department of Physics, GJU S&T, Hisar.
- I have supervised Mr. Ramandeep Gandhi (Jan-May, 2016) for his M.Sc. project entitled "Overview of Carbon Nanotubes and Composites". Mr. Ramandeep Gandhi was selected at Bhabha Atomic Research Center for OCES-2016 programme.

Invited Talks

[2] Invited talk at Department of Physics, Indian Institute of Technology Kanpur on October 26, 2015.

Title of the talk- Low temperature Charge transport, Magnetization and Field emission studies of Carbon nanomaterials

[1] Invited talk at Department of Physics, Indian Institute of Science & Education Research Mohali on September 15, 2015.

Title of the talk- *Multiwall Carbon Nanotubes, Polymer Composites and Reduced Graphene oxide: Charge transport, Magnetic response and Field emission*

Responsibilities as a Reviewer

I am acting as reviewer for following International Journals

1. Applied Physics Letters
2. Journal of Applied Physics
3. Journal of Alloy and Compounds
4. Nanotechnology
5. Materials Letters
6. Materials Research Express

.

(Dr. Ravi Bhatia)

Date: April, 2020