

Bio Data



1. **Name** : Dr. Rajesh Parmar
2. **Designation** : Professor
3. **Institution** : Maharishi Dayanand University, Rohtak (Hry.)
4. **Date of Birth** : October 02, 1969
5. **Address** **Office** : Department of Physics,
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6. Educational Qualifications

Degree	Year of passing	University/Institute
Ph.D.(Physics)	2015	Ch.Devi.Lal.University, Sirsa
PG	1991	M.D.U. Rohtak
UG	1988	M.D.U. Rohtak
Others – (i)M.Phil.(Physics) (ii) M.Sc.(Comp.Sc.)		M.D.U. Rohtak

7. Professional Experience

A). Teaching Experience : 22 Years

Designation	Institute served	Duration	
		From	To
Professor	M.D.U. Rohtak	Dec 2015	Till date
Associate Professor	M.D.U. Rohtak	Jan 2009	Nov 2015
Lecturer(Assist Professor)	M.D.U. Rohtak	June 2008	Dec 2008
Lecturer(Assist Professor)	University College Rohtak	Jan 1996	May 2008

B). Area of Interest/ Field : Materials Science (including Nanomaterials)

C) Publications

Research Papers

- Published in Refereed/Peer Reviewed Journals = 6
Published in Conferences/Seminars Proceedings = 7
Participation in Conferences/Seminars/Workshops = 15

(Dr. Rajesh Parmar)

Annexure- I

List of publications

Paper Published in Refereed/Peer Reviewed Journals

1. Fe₂O₃ modified Physical, Structural and Optical properties of the Bismuth Silicate Glasses.
Rajesh Parmar, R.S.Kundu, R.Punia, N.Kishore and P.Aghamkar.
Journal of Materials, Volume 2013, Article ID 650207, 5 pages.
2. Iron Modified Structural and Optical properties of Bismuth Silicate Glasses.
Rajesh Parmar, R S Kundu, R.Punia, N.Kishore and P.Aghamkar
Physica B, 450 (2014) 39-44.
3. Titanium induced structural modifications in Bismuth Silicate glasses.
R.S. Kundu, Meenakshi Dult, R. Punia, **Rajesh Parmar**, N. Kishore.
Journal of Molecular Structure, 1063 (2014) 77-82.
4. Electronic transport and relaxation studies in Bismuth modified Zinc Boro-Tellurite glasses.
Sunil Dhankhar, R.S. Kundu, **Rajesh Parmar**, S. Murugavel, R. Punia and N. Kishore.
Solid State Sciences, 48 (2015) 230 - 236.
5. Synthesis and optical characteristics of silver nanoparticles on different substrates
Narender Budhiraja, Ashwani Sharma, Sanjay Dahiya, **Rajesh Parmar**, Viji Vidyadharan.
International Letters of Chemistry, Physics and Astronomy Vol. 19 (2013) pp 80-88.
6. Optical Characterization of Zinc Modified Bismuth Silicate Glasses.
Rajesh Parmar, J. Hooda, R.S.Kundu, R. Punia and N. Kishore
International Journal of Optics, Volume 2015, Article ID 476073, 9 pages.
7. Physical, structural and optical properties of iron doped bismuth silicate glass Ceramics.
Rajesh Parmar
International Journal of Applied Engineering Research, 10 (20),2015, 41362-41370.
8. Transport Properties of Bismuth Silicate glass Ceramics.
Rajesh Parmar
Archives of Physics Research, 6(5), 2015.

Annexure- II

Papers Published in International/National Conferences/Symposia Proceedings

1. Effect of Fe₂O₃ on the physical and structural properties of Bismuth Silicate glasses.
Rajesh Parmar, R. S. Kundu, R. Punia, P. Aghamkar, and N. Kishore.
(AIP Conf. Proc. 1536, 653 (2013); doi: 10.1063/1.4810339)
2. Physical and structural properties of Nd³⁺ doped BaO-ZnO-B₂O₃ glasses.
Kirti Nanda, R. S. Kundu, R. Punia, **Rajesh Parmar**, and N. Kishore.

- (AIP Conf. Proc. 1536, 659 (2013); doi: 10.1063/1.4810339)**
3. Optical properties of $\text{Bi}_{0.1}\text{Zn}_{0.45}\text{VO}_{3.1}$ thin films using UV-VIS-NIR Spectroscopy.
R.Punia, R.S.Kundu, J. Hooda, **Rajesh Parmar**, and N. Kishore.
(AIP Conf. Proc. 1536, 539 (2013); doi: 10.1063/1.4810339)
 4. To study the effect of dopant NiO concentration and duration of calcinations on structural and optical properties of MgO-NiO nanocomposites.
Rajesh Kumar, Praveen, Ashwani Sharma, **R. Parmar**, S. Dahiya, and N. Kishore
(AIP Conf. Proc. 1728, 020193 (2016); doi: 10.1063/1.4946244)
 5. To study the effect of calcinations durations and temperature on optical and structural properties of MgO-CuO nanocomposites.
Rajesh Kumar, Praveen, Ashwani Sharma, **R. Parmar**, S. Dahiya, and N. Kishore
(AIP Conf. Proc. 1728, 020385 (2016); doi: 10.1063/1.4946436)
 6. To study the effect of doping concentration of silver on structural and optical properties of cadmium oxide (CdO) nanostructure
Rajesh Kumar, Ashwani Sharma, **R. Parmar**, S. Dahiya, and N. Kishore.
(AIP Conf. Proc. 1728, 020321 (2016); doi: 10.1063/1.4946372)
 7. Structural characterization of ZnCl_2 modified tellurite based glasses
Sunil Dhankhar, R. S. Kundu, R. Punia, Sunita, **R. Parmar**, Sanjay, and N. Kishore
(AIP Conf. Proc. 1728, 020340 (2016); doi: 10.1063/1.4946391)

Annexure –III

Papers presented/attended in international/ National Conferences/Workshops/Seminars/Somposia.

1. International Conference and Workshop on “**Nanostructured Ceramics and Other Nanomaterials (ICWNCN -2012)**” Organized by Department of Physics and Astrophysics, University of Delhi on 13 -16 March, 2012.
2. International Conference on “**Recent Trends in Applied Physics & Materials Science (RAM-2013)**” organized by Govt. College of Engg. & Technology, Bikaner on 1-2 Feb, 2013.
3. National conference on “**Advances in Chemical Sciences (ACS-2013)**” organized by Department of Chemistry, Maharshi Dayanand University, Rohtak,(Haryana) on 01-02 March, 2013.
4. National Conference on “**Applied Physics and Material Science**” organized by Department of Physics M.D.University, Rohtak, (Haryana) on 5-6 Feb, 2015.
5. National conference on “**Emerging Computing Technologies and ICT Development-2015**”, organized by Department of Computer science& Applications, Maharshi Dayanand University, Rohtak,(Haryana) on 28 Feb, 2015.
6. National Conference on “**Emerging Trends in Physics and Material Science**” organized by Department of Physics Chaudhary Devi Lal University, Sirsa, (Haryana) on 9-10 March, 2015.
7. International Conference on “**Recent Advances in Engineering Science and Management**”, organized by PHD Chamber, New Delhi on 30 Aug, 2015.
8. National Conference on “**Science & Technology for Indigenous development in India**”, organized by Guru Kula Kangri Vishwavidyalaya, Haridwar, (Uttarakhand) on 28-30 Sept, 2015.

9. International Conference on “**Nascent Development in Chemical Sciences: Opportunities for Academia-Industry Collaboration**”, organized by Department of Chemistry, Birla Institute of Technology & Science, Pilani, (Rajasthan) on 16-18 Oct, 2015.
10. International Conference on “**Condensed matter & Applied Physics (ICC 2015)**”, organized by Govt. College of Engg. & Tech. Bikaner, (Rajasthan) on 30-31 Oct, 2015.
11. National Conference on “**Emerging Trends in Physics and Material Science (ETPMS-2016)**”, organized by Department of Physics Chaudhary Devi Lal University, Sirsa, (Haryana) on 19-20 March, 2016.
12. National Conference on “**Science & Technology for National Development**”, organized by Guru Kula Kangri Vishwavidyalaya, Haridwar, (Uttarakhand) on 20-22 Nov, 2016.
13. International Conference of International Academy of Physical Sciences (CONIAPS XXI) on “**Symbiotic Development of Mathematical, Physical, Chemical and Computational Science**“, organized by Department of Mathematics, Guru Jambheshwar University of Science and Technology, Hisar (Haryana) on 28-30th October, 2017.