

Rashmi Sharma

Assistant Professor (Physics)

Govt.T.C.L.P.G.Janjgir(C.G.)

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Permanent Address

Dindayal Upadhyay nagar

Janjgir (c.g.)

Field of Research Interest

Material science – Luminescence

Academic Record

- M.Phil(Physics) – Department of Pure and Applied Physics, GuruGhashiDas University, Bilaspur(C.G.), 2007.
- MSc.(Physics) - D. P. Vipra College, GuruGhashiDas University, Bilaspur(C.G.), 2006.
- Bsc.(Maths) - T.C.L.Govt.P.G.CollegeJanjgir (C.G.), GuruGhashiDas University, Bilaspur(C.G.), 2004.
- Higher Secondary- M.P. Board, Bhopal, 2001.
- High School - M.P. Board, Bhopal, 1999.

Present Position

Assistant Professor in Physics, Govt.T.C.L.P.G.College, Janjgir(C.G.).

Date of Appointment: 21 November 2012

Teaching Experience :

As a Assistant Professor in Physics, at Govt.T.C.L.P.G.College, Janjgir(C.G.) , From 21 November 2012 to Till date : U.G. Experienced-8 years, P.G. Experienced-8 years.

List Of Publications:

Journal paper published

- **Bargoti N., and Dubey R.**(2011). "Preparation, Study, and characterization of some non-lead based ceramics(BMN) for microwave application". Educational Waves, ISSN – 0975-8771, Vol-2, Issue-2, April-June, pp-23-29.
- **Dubey R., and Bargoti N.**(2011). "Ferroelectricity: Properties and Application". Educational Waves, ISSN – 0975-8771, Vol-2, Issue-4, Oct-Dec, pp- 6-8.
- **Bargoti N., and Dubey R.**(2012). "Some studies of the relaxor behaviour of ferroelectric materials(NKBT)". Educational Waves, ISSN – 0975-8771, Vol-2, Issue-1, Jan-March, pp-12-14.
- **Bargoti N., and Dubey R.**(2012). "Perovskite phase formation of relaxor ferroelectric ceramic(1-x)Pb(Mg_{1/3}Nb_{2/3})O₃ – XpbTio₃ without excess of Pb" Educational Waves, ISSN – 0975-8771, Vol-3, combined issue -3 and 4, July – Sept and Oct – Dec, pp-14-15.
- **Sharma R., and Bargoti N.**(2015). "Synthesis of nanoparticles through combustion technique" International Science Journal, ISSN –2348-604x(p): 2348-6058(e), Vol-2, Oct-28-29.
- **Sharma R.,**(2018). "The effect and Prevention of cyber crime" Journal of Asia for Democracy and Development, A Quaterly Journal of Social Science , ISSN – 0973-3833, Vol-3 and4, Issue-1, pp-26-31.

Workshop Attended

- National Workshop on “low Energy Accelerators and their Applications to Research and Industry, organized by Department of Pure and Applied Physics’ GGU, Bilaspur on 12-13 March, 2010.
- UGC, CRO, Bhopal, Cost sponsored National Workshop on “Computer Applications in Science teaching, learning and research” organized by Department of physics and computer science, Govt. E.R.R.P G Science College, Bilaspur on 01-02 February, 2013
- “Academics and Examination Reforms in higher education of Chhattisgarh” Organized by T.C.L.Govt.P.G .College Janjgir under the project of UGC on 2 January,2016.
- UGC sponsored One day National Workshop on “Spread of Diabetes in India” organized by Department of Zoology Govt. Indrajeet College, Akaltara on 06 August,2016
- UGC sponsored National Workshop on “Enhancing 21st century competencies under the project of competence and building initiative in colleges Organized by T.C.L.Govt.P.G .College Janjgir on 06-07 January,2017.
- UGC sponsored National workshop on “Human rights and Duties” organized by Department of Law T.C.L.Govt.P.G .College Janjgir on 17 February,2017.

Course Attended

- Orientation Course organized by HRDC GGV Bilaspur (C.G.) from) 08/07/2013 to 03/08/2013.
- Short term course organized by HRDC Pt. Ravishankar University Raipur (C.G.) in Research Methodology from 13/11/2014 to 19/11/2014.
- Refresher Course organized by HRDC GGV Bilaspur (C.G.) in “Research Methodology” from 13/06/2016 to 02/07/2016.

- “Yoga – As a Career in future” under the project of career and counseling cell organized by Govt.T.C.L.P G College, Janjgir(C.G.) from 24-25 January, 2017
- Participated in 7 days NSS camp organized by T.C.L.Govt P G College Janjgir and also presented as a Guest Speaker from 30/01/2018 to 05/02/2018 in Bhadhesar,Janjgir.
- “Workshop Cum Pre-Ph.D course work” organized by Atal Bihri Vajpayee University, Bilaspur on 25-03 June 2019.
- Online Refresher Course in Physics organized by HRDC Gujrat university, Ahmedabad from 07/09/2020 to 20/09/2020.
- Online Short term course organized by Atal Bihari Vajpayee Vishwavidyalaya Bilaspur (C.G.) on “Hands-on with ICT Tools” from 30/11/2020 to 05/12/2020.

Poster Presentation

- Poster presented at National Seminar on “Advance materials for sustainable industrial and social applications” on topic “**Dosimetric properties of different TLD materials: A Review**” organized by Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur(C.G.) from 17-18 January, 2020.

Seminar Attended

- National seminar on “Child Labour Abuse and Right to Children: challenges before Nation” organized by Govt.T.C.L.P G College, Janjgir on 01-02 March, 2014.
- C.G. Council of Science and Technology, Raipur sponsored National Interdisciplinary Research Seminar on “Appraising the role of NSS volunteers and Youths in Conservation of Ecological Balance, Environmental Bio-diversity” organized by NSS Naveen Government College, Nawagarh,

Dist-Janjgir on 29-30 March, 2015.organized by NSS Naveen Government College, Nawagarh, Dist-Janjgir on 29-30 March, 2015

- National Seminar on “Recent Trend in material science”, Organized by Department of Physics and Chemistry, Dr. Radhabai Govt. Naveen Kanya Mahavidyalaya Raipur(C.G.),Sponsored by UGC on 6 August 2015.
- CCost Sponsored National Seminar on “Emerging trends in Physics(ETP-2015)”, Organized by Sant Guru Ghashidas Government P.G. college Kurud, Distt-Dhamtari(C.G.) on 7th September 2015.
- UGC Sponsored National Conference on “Recent advances in physics”, Organized by Sant Guru Ghashidas Government P.G. college Kurud, Distt-Dhamtari(C.G.) on 28-29 October 2015.
- National Research Seminar on “Degradation parameters due to rapid Industrialization in C.G. state and it’s impact on human health and Environmental condition”, Organized by Department of chemistry, T.C.L.Govt.P.G.CollegeJanjgir on 18-19 January 2016.
- International Conference on the “Role of Socio-religious, Geo-Political and Economic factors in the developmentof the developing country like India” organized by Madhav University, Pindwara (Rajasthan) on 20-21 April, 2018.
- National Research Conference/Seminar on “Social Science Research and its Utility in Society and State System” organized by Jiwaji University, Gwalior on 14-15 July 2018
- Chhattisgarh Council of Science and Technology Raipur (C.G.) sponsored National Interdisciplinary Research Seminar on “Recent trends and development in science for humanity, organized by Govt. E. Raghvendra Rao P.G. Science College, Bilaspur(C.G.), on 13-14 January , 2019.
- One day National Research Seminar on “Protection and Safeguarding of child rights and child trafficking free India” jointly organized by Yuva Mandal, Khel kood and Sanskritik Samiti, Kamrid(Champa) on 26 September 2019.

- National Conference on “Advanced Materials And Applications” organized by Department of Physics, National Institute of Technology, Raipur C.G.) from 21-22 December, 2019
- National Seminar on “Impact of computer Science and information technology on modern society” organized by Govt .E. raghavendra Rao P G college, Bilaspur(C.G.) from 18-19 January, 2020.
- National Seminar on “Advance Materials For Sustainable Industrial and social Applications” organized by faculty of science, Govt. Pt. shyamachran Shukla College, Dharsiwa, Raipur(C.G.) from 17-18 January, 2020.

Webinar Attended

- “Challenges and Remedial Strategies for Exam in the wake of COVI-19” organized by Govt. Jajwalyadev Naveen Girls College Janjgir(C.G.) on 22 May 2020.
- “Prospects And Challenges For Future NAAC Accreditation in Colleges” organized by Govt. V.Y.T.P G Autonomous Colleges, Durg(C.G.) on 14 June 2020.
- “Copyright Law and use for Academicians” organized by Dept Of Law and IQAC Govt.T.C.L.P G College, Janjgir(C.G.) on 27 June 2020.
- “Migrant Labourers And Rural Economy: Challenges And Opportunities” organized by dept Of commerce Govt. R.M.D. Girls P G college, Ambikapur Sarguja(C.G.) on 30 June 2020.
- “Protection of Inventions and patent rights” jointly organized by Govt. Kaktiya PG college, Jagdalpur and Govt.T.C.L.P G College, Janjgir(C.G.) on 4 July 2020.
- National Web symposium on “Gandhian Thoughts and Activism: A Perspective” organized by Govt. V.Y.T.P G Autonomous Colleges, Durg(C.G.) on 02 October 2020.

Quiz Attended

- National level online quiz on “World Population Day” organized by Dept of Science, Govt.J.M.P.College, Takhatpur, Bilaspur(C.G.) from 11 July to 13 July 2020.

Programme Organized

- Women Entrepreneurship development Programme For Youth at Govt. T.C.L.PG College, Janjgir from 31.01.2019 to 29.02.2019.
- Online webinar on the occasion of “National Science Day” on 28.02.2021.