

Dr. JAGJEET KAUR SALUJA

Name	Dr. Jagjeet Kaur Saluja
Designation	Professor
Department	Physics, Govt. V.Y.T.PG Autonomous College Durg
Specialization in P.G. Residential Address	Material Science, Electronics 4/4, Rajani Gandha Colony, Vidyut Nagar Durg (C.G.)
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E-mail Address	jagjeet_62@yahoo.com
Teaching Experience U.G.	38 Years
Teaching Experience P.G.	37 Years
Detail of Research (In brief)	Studies of ML (Zn, Cd)S mixed Phosphor with different impurity doped
Whether you are a Recognized	Yes, (Hemchand Yadav Univerity Durg)
Supervisor for Ph.D. Guidance Application of rare earth doped Phosphors & 7 registered under supervision and co- supervisions	10 Awarded Ph.D on Thermoluminscence &

Research Publications	Total Research Papers Published →157 <ul style="list-style-type: none">• International Journals → 125• Papers in press in International Journals →03• International Conferences → 10• National Conferences → 19• BOOK PUBLISHED → 6• PATENT AWARD → 6• FELLOW OF LSI AWARD
Research Guidance	Student awarded Ph.D. - 10 Students Registered for Ph.D.(Under Process) – 06+02 Submit thesis Students submitted their M.Phil dissertation – 02

Research Projects	<p>1. DST FIST project Rs 1.5 Crore</p> <p>2. Major Research Project: Title – TL – Studies of lime stone, calcite and Quartz available in Patharia, Samaria, Rasmada, Nandini and Kodwa areas in Durg district of Chhattisgarh – Characterization of Chemical Composition. Rs. 8, 07, 300/- , Sponsored by University Grants Commission (UGC),</p> <p>Minor Research Project: Title – Characterization and TL Studies of Doped ZnS Nanoparticles. Rs. 1,12,500.00, Sponsored by UGC, vide UGC letter No. F.MS – 43/202008/09 – 10/CRO dated 31 Mar 2010 (<i>completed</i>).</p> <p>3. Minor Research Project: Title: Synthesis and characterization of rare earth doped aluminates based phosphor Rs. 3,95,000/- Sponsored by CCOST</p> <p>4. Major Research Project under mentorship Title: Synthesis and characterization of zirconium based phosphors for biomedical application Rs. 31, 05,000/- funded by DST</p>
Research Collaborations with	<ul style="list-style-type: none"> • MS University Baroda (Gujrat), India • RTM University, Nagpur (Maharashtra), India • UGC – DAE, Indore (M.P.), India • ITM University, Gurgaon (Haryana), India • National Institute of Technology, Raipur • Indian Institute of Technology, Kanpur • Department of Geology, Govt. V.Y.T.PG.Auto. College, Durg (C.G), India • ITM University, Raipur • Department of Physics, Govt. V.Y.T.PG.Auto. College, Durg (C.G), India • Indian Institute of Technology, Bombay • GHENT UNIVERSITY BELGIUM • Military University Poland
Life Membership	<ul style="list-style-type: none"> • <input type="checkbox"/> Luminescence Society of India

Publication Details:

- **Research Gate:** <https://www.researchgate.net/profile/Jagjeet-Kaur-5>
 - **Scopus ID :** **36131466800**
<https://www.scopus.com/authid/detail.uri?authorId=36131466800>
- **Google Scholar ID :** <https://scholar.google.co.in/citations?user=XkI-G3UAAAAJ&hl=en>
 - **Citations** 1835
 - **h-index** 24
 - **i10-index** 55
- **Scopus h-index:** **20**