




DEPARTMENT OF PHYSICS
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



Title	Dr.	First Name	Jaggiwan Ram	Last Name	Balai	Photograph
Designation	Associate Professor					
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Educational Qualifications						
Degree	Institution					Year
B.Sc.	S. K. college Sikar (University of Rajasthan, Jaipur)					1995
M.Sc. Physics	University of Rajasthan, Jaipur					1998
Ph.D. (Condensed matter Physics)	University of Rajasthan, Jaipur					2005
Career Profile						
Associate professor at Dyal Singh College, University of Delhi (November 2005 – Till date)						
Administrative Assignments (From 1 st July 2017 onwards)						
1) Teacher- in-charge, Department of Physics (2017-2018) 2) Convenor of Admission committee of B. Sc.(H) Physics (2017-2018) 3) Member of time table committee of Physics Department (2018-2019) 4) Member of time table committee of Physics Department (2019-2020) 5) Convenor of Library committee of Physics Department (2020-2021) 6) Member of time table committee of Physics Department (2020-2021) 7) Member of Academic committee of Physics Department (2020-2021) 8) Member of Purchase committee of Physics Department (2020-2021) 9) Convenor of Library committee of Physics Department (2021-2022) 10) Member of time table committee of Physics Department (2021-2022) 11) Member of Academic committee of Physics Department (2021-2022) 12) Member of Purchase committee of Physics Department (2021-2022) 9) Convenor of Mentor-Mentee committee of Physics Department (2021-2022)						
Areas of Interest / Specialization						
Condensed Matter Physics (Theoretical Modeling of Thermophysical parameters, and Synthesis and characterization of Chalcogenide glasses)						
Subjects Taught						
(in last 3 years)						

(1) Quantum mechanics and applications and (2) Electromagnetic theory.
Research Guidance
Publications Profile (From 1 st July 2017 onwards)
1. Carrier type reversal in Pb modified $Se_{80}In_{20}$ semiconducting glassy alloys, Indian journal of pure and applied physics, (2018), Vol. 56. Pp. 440-443. 2. Glass forming ability and thermal stability of $Se_{100-x}(Ge_2Sb_2Te_5)_x$ glassy alloys, Journal of Thermal physics and Calorimetry (2018), vol 134, p. 923-931.
Conference Organization/ Presentations (From 1 st July 2017 onwards)
Attended following conferences/workshops:
Research Projects (Major Grants/Research Collaboration) (From 1 st July 2017 onwards)
Awards and Distinctions (From 1 st July 2017 onwards)
Association With Professional Bodies
Other Activities like MOOCs/ Patents etc. (From 1 st July 2017 onwards)

Jagjiwan Ram Balai
Signature of Faculty Member