


Dr. Ranjeet Singh (Assistant Professor) is among the youngest and talented teacher in the College. He did his Master's and Doctorate (Ph.D.) degree in physics from Indian Institute of Technology, Delhi. His research interest includes Optics, Plasma Physics and high-Power Laser Plasma Interaction.

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Designation	Assistant Professor					
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Education	Subject			Institution		
Ph.D.	Physics			Indian Institute of technology, Delhi		
M.Sc.	Physics			Indian Institute of technology, Delhi		
Research Interests/ Specialization						
Optics, Plasma Physics and High-Power Laser Plasma Interaction.						
Teaching Experience						
14 Years 6 Months as on 16 January, 2020.						
Research/ Academic Projects						
Publications (Last Five Years)						
In Indexed/Peer Reviewed Journals						

Year of Publication	Title	Journal	Co-author/s
2012	Raman shifted third harmonic generation of upper hybrid radiation in a plasma	Physics of Plasmas 19 , 112116 (2012)	Magesh Kumar K. K., Ranjeet Singh , and V. K. Tripathi
2012	Stimulated Raman scattering coupled to decay instability in a plasma channel	Physics of Plasmas 19 , 012109 (2012)	Ranjeet Singh , and V. K. Tripathi
2011	Filamentation of laser in an inhomogeneous plasma	Physics of Plasmas 18 , 022111 (2011)	Ranjeet Singh , and V. K. Tripathi
2010	Raman upshifted third harmonic generation of a laser in a plasma	Physics of Plasmas 17 , 112103 (2010)	Ranjeet Singh , and V. K. Tripathi
2010	Brillouin shifted third harmonic generation of a laser in a plasma	Journal of Applied Physics 107 , 113308 (2010)	Ranjeet Singh , and V. K. Tripathi
2009	Filamentation of laser in a magnetized plasma under relativistic and ponderomotive nonlinearities	Physics of Plasmas 16 , 052108 (2009)	Ranjeet Singh , and V. K. Tripathi

Participation in Corporate Life

Teacher-In-Charge: Academic session 2012-14 for B.Sc. (H) Physics, Academic session 2018-2020 for B.Sc. (Prog) Physical Science with Electronics at Acharya Narendra Dev College.

Incharge of Admission Information Centre in college for Admission to session starting from

