

List of Students graduated under Prof. A.K.Sood

Sl. No.	Name of Student	Year of Award	Thesis Title	Supervisor	E-mail Id
1.	B.V Prafulla	1993	Binary liquid mixtures: Light scattering	Prof. A.K.Sood/ Dr.Anil Kumar	
2.	Subroto Sanyal	1994	Phase separation and dynamics of concentrated colloids: Diffusing wave spectroscopy and Brownian dynamics simulations	Prof. A.K.Sood	
3	Anushree Roy	1995	Raman and X-ray photoemission spectroscopic studies of nanoparticles	Prof. A.K.Sood/ Prof. D.D. Sarma	anushree@phy.iitkgp.ernet.in
4.	Chandrabhas N	1995	High pressure Raman and photoluminescence studies of fullerenes and alkali periodates	Prof. A.K.Sood	cbhas@jncasr.ac.in fande@jncasr.ac.in
5.	Jaydeb Chakraborty	1995	Density functional and computer simulation studies of colloidal suspensions	Prof. A.K.Sood/ Prof.H.R. Krishna-murthy	jaydeb@bose.res.in
6.	Kanakaraju	1997	Interference enhanced Raman spectroscopy of ultra thin crystalline Ge and Si films and their interfaces	Prof. S. Mohan/Prof. A.K.Sood	
7.	D.Victor S.Muthu	2000	Spectroscopic studies on polymerized and Doped fullerenes and pressure induced phase transition of BaTiO ₃	Prof. A.K.Sood	victor@physics.iisc.ernet.in
8.	Venkatesh Gopal	2000	Photon transport in turbid media	Prof. A.K.Sood	vgopal@elmhurst.edu
9.	N.Subramanian	2001	Luminescence and pressure induced structural behaviour studies of X-ray image storage phosphors	Prof. A.K.Sood	subbi@igcar.gov.in
10.	Rajeev Gupta	2001	Spectroscopic studies on systems with strong electronic correlations: manganites, magnetite and doped fullerene	Prof. A.K.Sood	guptaraj@iitk.ac.in
11.	Ranjini Bandyopadhyay	2001	Linear and nonlinear rheology of cylindrical micellar and polyelectrolyte solutions	Prof. A.K.Sood	ranjini@rri.res.in

12.	Pallavi V. Teredesai	2002	Spectroscopic studies of single wall carbon Nanotubes, semiconducting nanoparticles and metallic LaB ₆	Prof. A.K.Sood	pallavi@iitgn.ac.in
13.	S. Balaji	2004	Growth aspects and phonon confinement studies on ion beam sputter deposited ultra thin films	Prof. S. Mohan/Prof. A.K.Sood	
14.	Shankar Ghosh	2005	Fluid Flow and Electrochemical Bias Induced Effects in Carbon Nanotubes and Raman Studies on Iron Perovskites Critical Phenomena Studies	Prof. A.K.Sood	sghosh@tifr.res.in
15.	Samarendra Kumar Mohanty	2006	Novel Techniques for Optical Micromanipulation and their Applications	Prof. A.K.Sood	samarendramohanty@gmail.com
16.	Pinaki Choudhuri	2006	Crystalline and Glassy States in Hard Sphere Colloids: Density Functional and Simulational Studies	Prof. A.K.Sood/ Prof. Chandan Dasgupta	pinakic@physics.iisc.ernet.in
17.	P.K. Madhavan Unni	2006	Light scattering Investigations near the critical point in some solvophobic systems and the Design and Analysis of Microkelvin thermostat for Critical Point Phenomena Studies	Prof. A.K.Sood/ Prof. Rahul Pandit	pkmadhavanunni@gmail.com
18.	C. Usha Devi Amma	2006	Ultrasound assisted optical elastography for measurement of Mechanical properties of soft tissue mimicking phantoms	Prof. R.M. Vasu/Prof. A.K.Sood	ushapiyu@gmail.com
19.	G.Rajesh	2007	Soft Matter: Routes to Rheochaos Anomalous Diffusion and mesh Phases	Prof. A.K.Sood	rajeshg@jncasr.ac.in
20.	Ajay Singh Negi	2008	Soft Matter under Electric Field and Shear	Prof. A.K.Sood	ajaynegi@gmail.com
21.	Anindya Das	2009	Graphene and Carbon Nanotubes: Field Induced Doping, Interaction with Nucleobases, Confined Water and Sensors	Prof. A.K.Sood	dasanindy@gmail.com
22.	N. Kamaraju	2011	Ultrafast Response and Time Resolved Spectroscopy of Carbon Nanotubes, Semiconductors and Rare-earth Titanates Using Femtosecond Laser Pulses	Prof. A.K. Sood	nkamaraju@gmail.com

23.	Surajit Saha	2011	Phonon Anomalies and Phase Transitions in Pyrochlore Titanates, Boron Nitride nanotubes and Multiferroic BiFeO ₃ : Temperature-and Pressure-Dependent Raman Studies	Prof. A.K. Sood	saha.surajit@gmail.com
24.	Manas Khan	2011	Optical tweezers to probe and manipulate soft, nano and bio systems	Prof. A.K. Sood	manas.khan@gmail.com
25.	Sayantan Majumdar	2012	Flow induced instabilities, shear thickening and fluctuation relations in sheared soft matter	Prof. A.K. Sood	majumdar.sayantan@gmail.com
26.	Sunil Kumar	2012	Femtosecond Time-Domain Spectroscopy and Nonlinear Optical Properties of Iron-Pnictide Superconductors and Nanosystems	Prof. A.K. Sood	sunilvdabral@gmail.com
27.	Biswanath Chakraborty	2012	Raman spectroscopy of graphene and graphene analogue MoS ₂ Transistors	Prof. A.K. Sood/ Dr. D.V.S. Muthu	biswanath.chakraborty@gmail.com
28.	Pradeep Kumar Khatri	2014	Spectroscopic studies of Iron-based superconductors, Multi-ferroic oxides and Double-perovskite: Phonons, Electronic and Spin Excitations	Prof. A.K. Sood/ Dr. D.V.S. Muthu	khatri0003@gmail.com
29.	Kalangi Siddeswara Vasu	2015	Nanodevices of Graphene, Carbon Nanotubes and Flow behavior of Graphene Oxide Gel	Prof. A.K. Sood/ Prof. S. Sampath/ Prof. S A Shivashankar	siddeswarakv@gmail.com
30.	Vikram Rathee	2015	Shear Induced Transitions in Mixed Surfactant Systems and Anisotropic Colloids	Prof. A.K. Sood	ratheevikram@gmail.com
31.	Shreyas Gokhale	2015	Dynamics of glass-forming liquids and shear-induced grain growth in dense colloidal suspensions	Prof. A.K. Sood/Dr. Rajesh Ganapathy	shreyas.quantum@gmail.com
32.	Nitin Kumar	2015	Driven Granular and Soft-Matter: Fluctuation Relations, Flocking and Oscillatory Sedimentation	Prof. A.K. Sood/ Prof. Sriram Ramaswamy	nitynsharma@gmail.com
33.	Sridevi S	2016	Nanomaterials Coated Etched Fiber Bragg Grating Sensors for Sensitive Detection of Biomolecules, Gas, Strain and Temperature	Prof. A.K. Sood/Prof. Asokan	sridevis111@gmail.com

Present Students registered for Ph.D. under Prof. A.K. Sood

<u>Students Name</u>	<u>Date of Joining</u>	<u>Course Joined</u>
1. K.Sathyanarayana	01.08.2009	Int. Ph.d
2. Achintya Bera	03.08.2009	Regular Ph.d (Joint with Dr. Victor)
3. K. Sudeesh	01.08.2010	Int. Ph.d
4. Gyan Prakash	03.08.2010	Regular Ph.d
5. Srabani Kar	01.08.2011	Regular Ph.d
6. Satyendra Nath Gupta	01.08.2011	Regular Ph.d (Joint with Dr. Victor)
7. Divya G	01.08.2012	Int. Ph.d
8. Anoop Thomas	01.08.2012	Regular Ph.d (Joint with Dr. Victor)
9. Pradip Kumar Bera	01.08.2012	Regular Ph.d
10. Subhadip Das	01.08.2013	Regular Ph.d (Joint with Dr. Victor)
11. Sukanya Pal	01.08.2014	Regular Ph.d (Joint with Dr. Victor)
12. Mithun K.P	01.08.2014	Int. Ph.d
13. Shweta Jayanthi		Ph.d (Interdiscipline) SS+NJ
14. Shristhi Pal	14.07.2015	Regular Ph.d (Joint with Dr. Victor)
15. Vikas Arora	14.07.2015	Regular Ph.d