

SoS in Physics and Astrophysics

Pt. Ravishankar Shukla University

List of Ph. D. Awarded students in last five years:

S. No.	Name	Subject	Supervisor/Co -Supervisor	Date
1	Nand Kumar Chakradhari	“Observational Studies of Type Ia Supernovae”	Prof. D.K. Sahu , IIA, Bangalore Co-Super.- Prof. S.K. Pandey , SoS in Physics & Astrophysics, Pt. R.S. University, Raipur	01.12.2016
2	Smt. Lata Wanjari	“Synthesis and Thermo luminescence Studies of Divalent Impurity Doped ZnS Nanoparticles”	Prof. D.P. Bisen , School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur	16.01.2017
3	Mr. Mohammad Ziyauddin	entitled “Studies on Aluminate Based Phosphors for Mechanoluminescence Dosimetry”	Prof. Nameeta Brahme , School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur	04.02.2017
4	Savita Kukreti	“Template based Growth of Nanomaterials of II-VI compounds and study of their optical properties”	Dr. Anjali Oudhia , Govt.- N.P.G. College of Science, Raipur Co-Super.- Prof. Nameeta Brahme , School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur	22.05.2017
5	Jai Bhagwan	“Multi-wavelength Studies of Active Galactic Nuclei”	Dr. Alok Chandra Gupta , ARIES, Manora Peak Nainital, Uttarakhand (India)	24.07.2017
6	Mrs. Neelam Shukla	“Growth of doped and undoped nanowires of II-VI compounds and their optical studies.”	Dr. Purna Bose , Prof.&H.O.D. Physics, Govt. V.Y.T.P.G. Auto. College, Durg (C.G.)	15.09.2017
7	Mr. Vivek Dhalsingh Sonwane	“ Studies on the Laser and Ultrasonic Shock Wave – Induced Mechanoluminescence of Solids ”	Dr. Anubha Singh Gour , School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur (C.G.)	07.10.2017
8	Mr. Rishi Jaiswal	“Studies on the effect of Interfacial Barriers on the Characteristics of Bilayer Organic Light Emitting Diode ”	Dr. R.S. Singh , Govt. College Ambagarh Chouky , Co- Super- Prof. R.N. Baghel , SoS in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur	11.12.2017
9	Mr. Sumit Kumar Jaiswal	“Studies of Nearby Star Forming Galaxies ”	Supervision of Dr. Amitesh Omar , Scientist-D Aryabhata Reserch Institute of Observational Sciences (ARIES) Manora Peak, Nainital, Uttarakhand	20.12.2017
10	Ku. Priyanka Kesharwani	“Study of Ion Conduction Modulation in Dry Polymer Electrolytes: A consequence of Nano – ionic Effect.”	Prof. R.C. Agrawal , (Retd.) SoS in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur, C.G.	18.01.2018
11	Miss. Neha Sharma	entitled “Study of Galactic Star Forming Regions and related Instrumentation ”	Dr. Maheswar Gopinathan , (Scientist-D) ARIES, Manora Peak Nainital, Uttarakhand	06.03.2018
12	Ms. Geetanjali Tiwari	“Optical properties of rare earth doped calcium alumino silicate phosphors”	Prof. Ravi sharma , Govt. Arts & Commerce girls college devendra nagar, Raipur (C.G.)	26.03.2018
13	Ms. Shalinta Tigga	“Study on optical properties of rare earth doped alkaline earth magnesium aluminate based phosphor”	Prof. Nameeta Brahme , School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University	07.04.2018

14	Ms. Poonam Bichpuria	“Green Synthesis and Optical Characterization of Semiconducting Nano Dots”	Prof. Anjali Oudhia , Govt. N.P.G. College Of Science, Raipur	05.04.2018
15	Ms. Deepika	“Synthesis, Characterization and Luminescence Behavior of Some Rare-Earth Doped CeO₂ Phosphors”	Dr. N. S. Suryanarayana , OSD Higher Education Department, Raipur Co-Supervisor, Dr. Jagjeet Kaur Saluja , Govt. V. Y. T. PG Autonomous College, Durg	21.04.2018
16	Mr. Subhajeet Karmakar	“Evolution of Magnetic Activities Late-Type Stars ”	Dr. Jeewan C. Pandey , Scientist – E, ARIES, Manora Peak, Nainital	01.08.2018
17	Rajni Singh	“SYNTHESIS, CHARACTERIZATION AND OPTICAL STUDIES OF Sm³⁺ And Dy³⁺ DOPED BaTiO₃ PHOSPHORS”	Dr. Purna Bose , Govt- V, Y.T.PG. Auto College, Durg, Co-Supervisor- Dr. Jagjeet Kaur Saluja , Govt. V. Y. T. PG Autonomous College, Durg	04.09.2018
18	Ms. Dipti Pandey	“STUDY OF OPTICAL PROPERTIES OF RARE EARTH DOPED ALKALINE MAGNESIUM SILICATE [Ca₂MgSi₂O₇] PHOSPHOR”	Prof. Ravi sharma , Govt. Arts & Commerce girls college devendra nagar, Raipur (C.G.) Co-Supervisor- Prof. Nameeta Bramhe , School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University	22.11.2018
19	Mr. Sanjay Parganiha	“Theoretical Studies on Shock-Induced Light Emission from Solids”	Prof. R.N. Baghel , School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University	04.12.2018
20	Ms. Deepti Singh	SYNTHESIS, CHARACTERIZATION AND OPTICAL PROPERTIES OF Eu³⁺, Sm³⁺ AND Dy³⁺ DOPED LANTHANUM ALUMINATE [“LaAlO₃:Eu³⁺; LaAlO₃:Sm³⁺; LaAlO₃:Dy³⁺”]	Dr. N.S. Suryanarayan , Retired Prof. Higher Education C.G. Govt. Raipur (C.G.) Co- Supervisor- Dr. Jagjeet Kaur Saluja , Govt. V. Y. T. PG Autonomous College, Durg	12.12.2018
21	Ms. Tripti Bala Sahu	“Effect of High Energy Ball Milling on Ion Conduction Behavior of Solid Polymer Electrolytes (SPEs) and Nano Composite Polymer Electrolytes (NCPEs): A Study of Nano Ionic Effect.”	of Dr. R.C. Agrawal, (Rtd. Prof.) School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University	01-02-2019
22	Ms. Huma Nazli Baig	“Studies on Thermoluminescence and Photoluminescence of rare earth doped YAlO₃ phosphors”	Dr. Jagjeet Kaur Saluja Prof.&H.O.D. Physics, Govt. V.Y.T.P.G. Auto. College, Durg (C.G.)	15.02.2019
23	Mr. Pradeep Dewangan	“SYNTHESIS, CHARACTERIZATION AND LUMINESCENCE PROPERTIES OF RARE EARTH ACTIVATED M₃MgSi₂O₈ (M=Ca, Sr, Ba) PHOSPHORS”	Prof. D.P. Bisen , SoS in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur,	16.02.2019
24	Mr. Sanjay Kumar Sao	“Studies on the Luminescence Properties of Rare Earth Doped Alkaline Earth Silicate Phosphor”	Prof. Nameeta Brahme , School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University	21.02.2019
25	Ku. Namrata Chouhan	“Characterization and Luminescence Properties of Titanate Based Phosphors”	Dr. Anjali Oudhia , Govt.- N.P.G. College of Science, Raipur (C.G.) and Co-Supervision of Prof. Nameeta	28.02.2019

			Brahme, SoS in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur, C.G.	
26	Aarti Choudhary	“Growth and study of Size and Shape dependent optical Properties of Nano Zinc Oxide”	Dr. Anjali Oudhia, Govt.- N.P.G. College of Science, Raipur (C.G.)	26.03.2019
27	Mr. Abhishek Paswan	“Spectro-Photometric studies of star-forming Galaxies”	Dr. Amitesh Omar, Scientist-E Aryabhata Reserch Institute of Observational Sciences (ARIES) Manora Peak, Nainital, Uttarakhand	11.07.2019
28	Ms. Mridweeka Singh	“Optical Studies of Hydrogen Deficient Supernovae”	Dr. Kuntal Misra, Scientist-D Aryabhata Reserch Institute of Observational Sciences (ARIES) Manora Peak, Nainital, Uttarakhand	29.07.2019
29	Kanchan Shahi	“Synthesis and characterization of Zine Oxide nano wires for hetero-junction LEDs”	Dr. R.S. Singh, Govt. V. Y. T. PG Autonomous College, Durg	29.08.2019
30	Ms. Shrabani Karan	“Investigation on Conductivity Modulation and Nano Ionic Effect in Non-Lithium Chemical Based Dry Polymer Electrolytes ”	Dr. R.C. Agrawal (Retd. Prof.) School of Studies in Physics and Astrophysics	18.10.2019
31	Shweta Sharma	“LUMINESCENCE PROPERTIES OF RARE EARTH DOPED ALKALINE EARTH ALUMINO SILICATE PHOSPHORS”	Prof. Nameeta Brahme, School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University	15.10.2019
32	Ku. Kalyani Bagri	“Study of Accretion Process and Jets In X- Ray Binaries”	Supervision of Prof. J.S. Yadav, TIFR, Mumbai and Co-Supervision of Prof. S.K. Pandey, SoS in Physics & Astrophysics, Pt. Ravishankar Shukla University, Raipur,	03.01.2020
33	Mr. Praveen Kumar	“Probing the Nature of Radio-quiet Weak Emission Line Quasars.”	Dr. Hum Chand, Scientist-E Aryabhata Reserch Institute of Observational Sciences (ARIES) Manora Peak, Nainital, Uttarakhand	04.01.2021
34	Ms. Anjasha Gangopadhyay	“Supernovae Explosion from Massive Stars.”	Kuntal Mishra, Scientist-C, ARIES, Manora Peak, Nainital, Uttarakhand	01.02.2021
35	Mr. Bhuneshwar Ram Verma	“Structural and Optical Properties of Rare Earth Doped Silicate and Phosphate Based Phosphors”	Prof. R.N Baghel, Retd. Prof., SoS in Physics and Astrophysics, Pt. Ravishankar Shukla University, Raipur(C.G.)	05.03.2021