

CURRICULUM VITAE

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EDUCATIONAL BACKGROUND:

Deg/Exam	University/Board	Institute	Passing year	Percentage
CGSET			2017	Qualified
Ph. D.	Pt. R. S. U. Raipur	Govt. Vishwanath Yadav Tamaskar Autonomous College, Durg	2016	Awarded
M.Sc.(Physics)	Pt. R. S. U. Raipur	SOS of Physics and Astro physics, Pt. R. S. U. Raipur	2011	62.21%
B.Sc.	Pt. R. S. U. Raipur	Govt. Vishwanath Yadav Tamaskar Autonomous College, Durg	2009	70.5%
SSE(12 th)	CBSE	Govt. Adarsh Girls Hr. Sec. School, Durg	2006	65.8%
HSE(10 th)	CBSE	Govt. Adarsh Girls Hr. Sec. School, Durg	2004	70.4%

PROFESSIONAL EXPERIENCE :

Teaching Experience	<ul style="list-style-type: none">I have worked as Assistant Professor at Rungta College of Science and Technology, Durg (C. G.) from September 2011- April 2014
Govt. V. Y. T. PG Autonomous College, Durg (C.G.)- Research Project Fellow (Research Experience)	<ul style="list-style-type: none">I have worked as Project fellow on CCOST Mini research project in the Department of Physics, Govt. V. Y. T. PG Autonomous College, Durg (C.G.) from May 2014- April 2016
Teaching Experience	<ul style="list-style-type: none">I have worked as Guest Lecturer at Govt. Danveer Tularam College,

	<p>Utai, Durg (C. G.) from September 2016- February 2017</p> <ul style="list-style-type: none"> • Worked as Guest Lecturer at Govt. VYT PG Autonomous College Durg (C.G.) from July 2017 – April 2018 • Worked as Contract Faculty at Center for Basic Sciences, Pt. Ravishankar Shukla University, Raipur from September 2018- May 2019 • Worked as Contract Faculty at Center for Basic Sciences, Pt. Ravishankar Shukla University, Raipur from July 2019-April 2020.
Research Publication	<p>Total Published Research Papers - 31</p> <ul style="list-style-type: none"> • International Journals- 23 • International Conferences- 02 • National conferences-06
Achievement	<p>Winner of Chhattisgarh Young Scientist Congress 2017</p>

PUBLICATIONS:

Published Papers in International Journals/ National Journals

S. No.	Title	Authors	Journal Name	Volume No./ Issue/Year	Page
1.	A review report on medical imaging phosphors	Jagjeet Kaur, Yogita Parganiha , Vikas Dubey and Deepti Singh	Research on chemical intermediate	40(8), 2014	2837-2858
2.	Luminescence studies of Eu ³⁺ doped Calcium Bromofluoride Phosphor	Jagjeet Kaur, Yogita Parganiha and Vikas Dubey	Physics research international (Hindawi Publishing corporation)	Volume 2013, Article ID 494807	
3.	Synthesis, characterization and luminescence behavior of ZrO ₂ :Eu ³⁺ , Dy ³⁺ with variable concentration of Eu and Dy doped Phosphor	Jagjeet Kaur, Yogita Parganiha , Vikas Dubey, Deepti Singh, Deepika Chandrakar	Superlattices and Microstructure	73, 2014	38-53
4.	Review of the	Jagjeet Kaur,	Research on	40(8),	2737-

	synthesis, characterization and properties of LaAlO ₃ phosphors	Deepti Singh, Vikas Dubey, N. S. Suryanarayana and Yogita Parganiha	Chemical Intermediate	2014	2771
5.	Review of the preparation, characterization, and luminescence properties of Pr ³⁺ -doped CaTiO ₃ phosphors	Jagjeet Kaur, Vikas Dubey, Yogita Parganiha , Deepti Singh & N. S. Suryanarayana	Research on Chemical Intermediate	DOI 10.1007/s11164-013-1475-739(9), 2013	
6.	Synthesis, Characterization, Thermaluminescence and optical studies of Eu ³⁺ doped Y ₂ SiO ₅ phosphor	Yogita Parganiha , Jagjeet Kaur, Vikas Dubey, Deepika Chandrakar	Superlattices and Microstructure	77, 2015	152–161
7.	Mechano and photoluminescence spectra of cadmium sulphide and cadmium selenide doped phosphors	Jagjeet Kaur, Yogita Parganiha , Neha Tiwari, Vikas Dubey, Ratnesh Tiwari, Asha Prabhath	Optik - International Journal for Light and Electron Optics	127 (19), 2016	7958–7966
8.	Photoluminescence Characteristics of Dysprosium Doped CeO ₂ Phosphor for White Light Emission,	Jagjeet Kaur, Deepika Chandrakar, Vikas Dubey, Ravi Shrivastava, Yogita Parganiha and N. S. Suryanarayana	Journal of Display Technology	12 (5), 2016	506-512
9.	Effect of Various Cerium Ion Percentages on Photoluminescence and Thermoluminescence Study of CaY ₂ O ₄ Phosphor	Vikas Dubey, Ratnesh Tiwari Ravi Shrivastava Chandrabhushan Markande, O. P. Verma, Jagjeet Kaur Saluja, Yogita Parganiha , K. V. R. Murthy	Journal of Display Technology	12 (2), 2016	171-177
10.	UV ray-induced thermoluminescence study of Y ₂ SiO ₅ :Ce ³⁺	Yogita Parganiha , Jagjeet Kaur,	Research on Chemical Intermediates	42(3), 2016	2267–2284

	phosphor	Vikas Dubey, Deepika Chandrakar, N. S. Suryanarayana			
11.	Synthesis and Luminescence Property Gd_2SiO_5 Phosphor	Yogita Parganiha , Jagjeet Kaur, Vikas Dubey and Ravi Shrivastava	Journal of Display Technology	12(1), 2016	66-70
12.	Study of formation of deep trapping mechanism by UV, beta and gamma irradiated Eu^{3+} activated SrY_2O_4 and $Y_4Al_2O_9$ phosphors	Vikas Dubey, Jagjeet Kaur, Yogita Parganiha , N. S. Suryanarayana and K. V. R. Murthy	Applied Radiation and Isotopes	110, 2016	16–27
13.	Near UV–blue emission from Ce doped Y_2SiO_5 phosphor	Yogita Parganiha , Jagjeet Kaur, Vikas Dubey and K. V. R. Murthy	Materials Science in Semiconductor Processing	31, 2015	715–719
14.	Synthesis and luminescence study of $BaZrO_3:Eu^{3+}$ phosphor, ,	Yogita Parganiha , Jagjeet Kaur, Vikas Dubey, Ravi Shrivastava And S. J. Dhoble	Superlattices and Microstructures	88, 2015	262–270
15.	$YAlO_3:Ce^{3+}$ powders: Synthesis, characterization, thermoluminescence and optical studies	Yogita Parganiha , Jagjeet Kaur, Vikas Dubey And Ravi Shrivastava	Superlattices and Microstructures	85, 2015	410–417
16.	Structural and photoluminescence study of $CeO_2:Eu^{3+}$ phosphors	Jagjeet Kaur, Deepika Chandrakar, Vikas Dubey, Yogita Parganiha And N. S. Suryanarayana	Optics and Spectroscopy	118(5), 2015	742-747
17.	Violet Blue emission and thermoluminescence glow curve analysis of $Gd_2SiO_5: Ce^{3+}$ phosphor	Yogita Parganiha , Jagjeet Kaur, Vikas Dubey And Ravi Shrivastava	Optik - International Journal for Light and Electron Optics	127 (15), 2016	6243–6252
18.	Study of formation of deep trapping mechanism by UV,	Yogita Parganiha , Jagjeet Kaur,	Applied radiation and Isotopes	<u>110</u> , 2016	16–27

	beta and gamma irradiated Eu^{3+} activated SrY_2O_4 and $\text{Y}_4\text{Al}_2\text{O}_9$ phosphors	Vikas Dubey and K. V. R. Murthy			
19.	Estimation of color purity and trapping parameters for samarium doped BaTiO_3 phosphor	Jagjeet Kaur, Rajni Singh, Purna Bose, Vikas Dubey, Yogita Parganiha	Journal of Display Technology	12 (6), 2016	567-572
20.	Luminescence studies on Eu^{2+} and Tb^{3+} doped $\text{Ca}_2\text{MgSi}_2\text{O}_7$ phosphors	Jagjeet Kaur, Ravi Shrivastava, Vikas Dubey and Yogita Parganiha	Journal of Material Science Materials in Electronics	27(4), 2016	3227-3233
21.	Luminescence studies on $\text{Ba}_2\text{MgSi}_2\text{O}_7$ doped with Eu^{2+} and Tm^{3+} phosphors	Jagjeet Kaur, Ravi Shrivastava, Vikas Dubey and Yogita Parganiha	Journal of Display Technology	12(5), 2015	460-465
22.	Luminescence and structural properties of $\text{Gd}_2\text{SiO}_5:\text{Eu}^{3+}$ phosphors synthesized from the modified solid state method	Yogita Parganiha , Jagjeet Kaur, Neha Dubey, Vikas Dubey, Ravi Shrivastava, S.J. Dhoble, Hendrik C. Swart	Ceramics International	43(12), 2017	9084-9091
23.	Intense visible light emission from dysprosium (Dy^{3+}) doped barium titanate (BaTiO_3) phosphor and its thermoluminescence study	Rajni Singh, Jagjeet Kaur, Purna Bose, Ravi Shrivastava, Vikas Dubey, Yogita Parganiha	Journal of Material Science Materials in Electronics	DOI: 10.1007/s10854-017-7212-z	Published Online 2 June 2017

Proceedings of National/ International Conferences:

S. No.	Title	Authors	Conference
1.	Thermoluminescence and kinetic study of CaFBr phosphor	Jagjeet Kaur, Yogita Parganiha , Vikas Dubey	ICFAI university, Raipur (C. G.) 2013
2.	Thermoluminescence study of Eu^{3+} doped LaAlO_3 Phosphor	Jagjeet Kaur, Deepti Singh, Vikas Dubey, Deepika Chandraker, Yogita Parganiha ,	NCLA 2014 Jabalpur

		N.S.Suryanarayana	
3.	Photoluminescence study of Eu^{3+} doped CeO_2 Phosphor	Jagjeet Kaur, Deepti Singh, Vikas Dubey, Deepika Chandraker, Yogita Parganiha , N.S.Suryanarayana	NCLA 2014 Jabalpur
4.	Effect of variable concentration of Er^{3+} on thermoluminescence behaviour of ZrO_2 nanophosphors	Jagjeet Kaur, Vikas Dubey, N.S. Suryanarayan, Yogita Parganiha , Deepika Chandraker, K. V. R. Murthy	UGC Sponsored National conference on PBN College, Ponnur (A. P.) November 2014
5.	Photoluminescence study of $\text{CeO}_2:\text{Eu}^{3+}$ phosphors	Jagjeet Kaur, Deepika Chandraker, Vikas Dubey, Yogita Parganiha , N.S. Suryanarayana	LSI and UGC Sponsored National conference on D. B. Science College, Gondia , Nagpur December 2014
6.	Effect of Photoluminescence spectra for variable concentration of Eu^{3+} in YAlO_3 phosphor	Jagjeet Kaur, Vikas Dubey, N.S. Suryanarayan, Yogita Parganiha , Deepika Chandraker, K. V. R. Murthy	ICLA 2015 Bangalore
7.	Upconversion luminescence behaviour on Er doped CaY_2O_4 phosphor	Diksha Verma, Jagjeet Kaur, Vikas Dubey, N.S. Suryanarayan, Yogita Parganiha , Deepika Chandraker, K. V. R. Murthy	ICLA 2015 Bangalore
8.	Synthesis and thermoluminescence study of $\text{Y}_2\text{SiO}_5:\text{Ce}^{3+}$ phosphor	Yogita Parganiha , Jagjeet Kaur, Deepika Chandraker, Vikas Dubey, Ravi Shrivastava	UGC Sponsored National seminar Shaping the future with Green Chemistry, Department of Chemistry, S.P.M.H. Kalasala Machilipattanam, A.P.

PERSONAL PROFILE:

Name : Yogita Parganiha
 Father's name : Shri Subhash Chandra Parganiha
 Mother's name : Smt. Hemin Parganiha
 Husband's name : Shri Milind Verma
 Sex : Female
 Date of birth : 8th September 1989
 Marital status : Married
 Nationality : Indian
 Languages known : Hindi, English

DECLARATION:

I hereby declare that information furnished is true to best of my knowledge. I bear the responsibility of the Correctness of the above mentioned particulars.

Date :

Place : Raipur

(Dr. YOGITA PARGANIHA)