



**6th International Conference on
Luminescence and Applications
[ICLA-2019], January 7-10, 2019**

Organized by

**School of Studies in Physics and Astrophysics, Pt. Ravishankar Shukla University
Raipur-492010, Chhattisgarh, INDIA**

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Sr. No	Name and address of IT/IT T/ Email ID and Phone	Category	Title	Remarks/ Accommodation/ Details of registration fee
1	Prof.W.Strek Institute of Low Temperature and Structure Research Okolna2 -50422, Polish Academy of Sciences, Wroclaw w.strek@intibs.pl	Key Note		Reserved by Organizers
2	Prof.P.J.Deren , Head of Optical Spectroscopy Departments, ILT&SR PAS, Wrocław, Poland Institute of Low temperature Research, Poland. p.deren@int.pan.wroc.pl	Invited talk PL	The role of cation and anion defects in the stabilization of Eu^{2+} in dielectrics.recd.	
3	Prof.Marek Grinberg , Institute of Experimental Physics, Gdansk University, Wita Stwosza 57, 80-952 Gdansk, Poland. fizmgr@ug.edu.pl	Invited talk PL	Compensation mechanisms of In^{3+} replacing divalent cations in dielectric compounds. recd.	
4	Prof.K.V.R.Chary , Rowen University, Glassboro, New jersey, USA. Chary@rowan.edu	OTHER	Renewable energy sources (26.11)	



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5	Prof.Ravindra Pandey , Michigan Technological University, Houghton, MI, USA. pandey@mtu.edu	PL	Optical Properties of Coumarins: Spectroscopic Measurements and First Principles Calculations (26.11)	
6	Dr.Sonia Tatumi, R. Sena Madureira, 1500 - Vila Clementino, São Paulo - SP, 04021-001, Brazil Dept.marine Science, University of Sao Paulo, Brazil. sonia.tatumi@gmail.com	OSL	Age models for De distributions applied to OSL dating of Holocene fluvial Terraces from Amazon basin (21.11.) TA?	



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Sr. No	Name and address of IT/ Email ID and Phone	Mode PL/IT	Title	Remarks/ Accommodation/ Details of registration fee
1	M.D.Sastry, GIT, Mumbai	Plenary talk PL	Luminescence techniques for resolving Issues of public concern: PL,TL and OSL in the detection of Synthetic Diamonds	Free accommodation
2	D.K.Koul, RPAD, BARC	IT	Luminescence based dosimetry: Indian scenario	Reg. Fee waiver
3	L.Giribabu, ICT, Hyderabad,	IT Solar cells	Alternative Hole Transporting Materials for Perovskite Solar Cells	Free accommodation
4	S.J.Dhoble, Nagpur Univ.	Plenary talk PL	Tunable luminescence of various rare earth activators for the generation of white light (17 Nov.)	
5	B.S.Panigrahi, IGCAR, Kalpakkam	IT	Study of uranium luminescence in borophosphate and aluminoborate hosts	
6	V.Sivakumar, NIT, Rourkela	IT	Blue organic light emitting diodes: Challenges and future perspectives (4.12)	Free Accommodation
7	S.Dorendrajit Singh, Manipur University	IT	Investigation of Photoluminescence, Thermoluminescence and Optically stimulated luminescence properties of CaB ₄ O ₇ nanoparticles doped with different concentrations of Dy ³⁺	
8	Divi Haranath, NIT, Warangal	IT	Innovative Electroluminescent Display from Phosphor-CNT Hybrid (24.11.)	



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9	B.N.Jagtap, IIT, Mumbai	IT	Fluorescence Resonance Energy Transfer between Quantum Dots and Fluorescent Dyes /Biomolecules (12.11.18)	Free accommodation.
10	S.K.Omanwar, SGBA University	IT	Visible Quantum Cutting Phosphors under VUV Excitation (5.11.18)	Free Accommodation.
11	P.D.Sahare, DU	IT	Nanocrystalline TLD/OSLD phosphors (8.12)	Free Accommodation
12	Prof.G.Krishnamoorthy, IIT, Guwahati	PL	Controlling the Triple Luminescence by Environment Minati Das, Saugata Sahu, Aditya Kumar Bharti and G. Krishnamoorthy (17.11.)	
13	J.N.Reddy, Nucleonics	IT	An Overview on developments in TL/OSL Instrumentation and Phosphors in India	
14	Dr.K.V.K.Gupta, Kwality Photonics		Evolution & Application Methods in LED phosphors- A review (10.12)	
15	Dr.A.R.Lakshmanan, Saveetha Univ., Chennai.	IT	Thermoluminescence of undoped and Dy doped Ca/Sr carbonate powder and pellets in the high dose region (28.10)	Accommodation
16	K.V.R.Murthy, MSU, Baroda	IT	Phosphors for White Light Emitting Diodes Past Present and Future (5.12)	
17	Nameetha Brahme, PRSSRaipur Univ.	IT	Optical Characterization of Ce ³⁺ and Tb ³⁺ singly	



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18	V.Sudarsan, CD, BARC, Mumbai	IT	doped and co-doped CaSrAl ₂ SiO ₇ phosphors Electro-luminescence from inorganic materials in the powder form for solid state lighting applications	Jan.9-10. Reg.fee waiver. Free accommodation
19	Manoj Jaiswal, IISER, Kolkata (mkjosl@gmail.com)	Invited Talk OSL	The Origin of Fluvial Terraces in Himalayas: Tectonic or Climate (a case from North Bengal Himalayas) 29.11	Book in Sarover; to be paid by him. Jan.6-9
20	Sachin Shah, Crompton greaves,	IT	LED Lamp Challenges and Way forward	
21	Dr.Ajay Kumar Khuswaha, IIT, Indore	IT	Photoluminescence and Electrical Properties of Hydrogen Incorporated ZnO NWs Films	Registration Fee paid.(19.11).Free accommodation Jan.6-10.



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Sr. No	Name and address of TT/ Email ID and Phone	Technical Talk	Title	Remarks/ Accommodation/ Details of registration fee
1	Y.H.Gandhi, (Kale) MSU, Baroda	OSL	A comparative study of OSL decay at elevated and room temperature for synthetic quartz	
2	Dr.Nabachandra Singh, Imphal	TL	Persistent Luminescence Mechanism: A Brief Review (30.11)	
3	M.Srinivas, MSU, Baroda	PL	Photoluminescence Studies of Rare Earth Doped Sr ₂ GdTaO ₆ Phosphor (28.11)	
4	L.Robindro Singh, NEHU, Shillong	Nanoparticle/TL	Radio Luminescence and Optimization of Mn ²⁺ and Cu ²⁺ concentrations BaSO ₄ nanoparticles: CGCD to determine trapping parameters	
5	Nimai Pathak, BARC, Mumbai	PL	Defect induced luminescence in different oxide matrices: An alternative to present activator doped phosphor materials (12.11.18)	
6	M.T.Jose, IGCAR (8.12)	TL Dosimetry	Luminescence dosimetry of borates and retrospective dosimetry programs at IGCAR	
7	N.L.Singh, MSU, Baroda	PL	Effect of Gamma and Proton beam irradiation on optical properties of Polystyrene/Al ₂ O ₃ polymer nanocomposites	
8	C.Selvin, Bharathiar University			
9	H.Nagabhushana, Tumkur University (11.12)		Nanostructures for WLEDs and authentication for	



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			latent fingerprints visualization under diverse environmental conditions	
10	K.R.Nagabhushana, PESIT	IL (PL?)	Ionoluminescence and crystal field analysis of aluminum oxide phosphor (7 Nov)	
11	N.S.Rawat, BARC	TL/OSL	TL and OSL based environmental monitoring at Bharati research Station, Antarctica	
12	Rakesh Rai, Ujjain Engineering College, Ujjain	ML	Low Cost Hybrid Experimental set up for Mechanoluminescence Excitation	
13	S.C.Prashanta,, EWIT, Bangalore	PL	Synthesis and luminescence properties of Li+ co-doped CaTiO ₃ :Sm ³⁺ nanophosphor for solid state display applications	
14	A.S.Saiprasad, Hyderabad	PL	Eu ²⁺ doped Nano BAM for Photonic Applications (5.12)	
15	Kartik Shinde, Bhadrawati, NS Science and Arts College, Bhadrawati.	PL	Strong Eu ³⁺ emission in Ca ^{3-3x/2} (VO ₄) ₂ :xEu (0.01 ≤ x ≤ 0.09) Phosphors	
16	Jagjeet Kaur, Durg	PL	Synthesis and Characterization of Eu ³⁺ and Tb ³⁺ doped BaY ₂ O ₄ phosphor for display application	
17	Rajamouli Boddula, Uka Tarsadia University, Surat	PL	Strategic Design for Tunable Light Emissive Eu(III) Complexes: Experimental and Theoretical Approach (25.11)	Accommodation
18	S.M.M.Kennedy, SSN college of engineering,		Simple techniques for the characterization of	



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	Chennai (10.12)		phosphors	
19	Sudeshna Ray, Rabindranath Tagore Univ., Bhopal (11.12)		Design and Synthesis of Upconversion, Quantum Cutting and Persistent Phosphors for energy-harvesting and defense application	
20	Latha Israni Shukla, Pondicherry univ. (+ Vivek Vardhan)	TL	Could thermo luminescence have wider applications in biological systems?	Wants full support. (29.11)
21	K.K.Surati, Sardar Patel Univ., Anand	PL	Alternative Emitters for Future OLEDs Technology (4.11.18)	
22	Lovedy Singh, Imphal	TL	Trap spectroscopy of Al ₂ O ₃ :C in the new general order kinetics formalism (28.11)	
23	D.P.Bisen, Raipur univ.	PL	Structural and optical characterization of Dy ³⁺ Doped Ca ₃ MgSi ₂ O ₈ Phosphors	
24	D.R.Mishra, RPAD, BARC	TL/OSL	Recent advancement in field of TL/OSL instrumentation in BARC India (30.11)	
25	P.Morthekai, birbaki Science Institute of paleosciences, Lucknow (8.12)		Towards better insights into feldspar luminescence - an advanced review	Free accommodation. (organising)
26	Senthil Kannan, Nagapattinam	PL	Photoluminescence, xrd, afm, xrf, mass spectral, chns, influx, beam displacement of l-alanine l-alaninium picrate monohydrate crystals	DD sent to Bisen 7 Nov.



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27	Dr.Govind Nair, UOFS, South Africa	PL	Improved photoluminescence intensity from compensation of the charge-imbalance in Ca ₃ Mg ₃ (PO ₄) ₄ :Eu ³⁺ phosphor	
28	Dr.Ashwini Kumar Sharma, UOFS, South Africa	PL	Photon upconversion luminescence in fluoride based materials	
29	Dr.Manmohan L.Satnami, Pt.R.S. University,Raipur.	Quantum dots/Allied application	Logic Operation Based on FRET Switching of Carbon Quantum Dot and Gold Nanoparticle for Inhibition and Reactivation of Acetylcholinesterase: Detection of Organophosphorus and Carbamate Pesticides	
30	Ayush Khare, NIT Raipur (8.12)	Solar cell	Efficiency Enhancement in CdTe/(Cd _x -Zn _{1-x})S Multijunction Solar Cell	
31	Vikas Dubey, Kendri, New Raipur(7.12)	PL	Upconversion behaviour of Er ³⁺ /Yb ³⁺ activated Gd ₂ O ₃ nano – rod for magnetic resonance and drug delivery applications	
32	Gopkumar, Mahatma Gandhi College, Trivandrum (10.12)	ML (+TL)	Mechanoluminescent properties of mixed aluminate systems	
33	R.K .Kuraria, Jabalpur		Changing behavior of Photoluminescence and mechanoluminescence with Eu Concentration in Y ₂ O ₃ Nanophosphors	



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1.	P.Vinod Kumar... BSP,IGCAR, Kalpakkam	P	PL	Study of Energy transfer From UO_2^{2+} to Sm^{3+} in $SrBPO_5$		
2	Sitakanta Panda IGCAR (8.10)	O	PL	Luminescence properties of $BaCeO_3: Eu^{3+}$ phosphor		
3	P.Ramakrishna, AERB, IGCAR	P	PL/TL	Structural and optical properties of cerium doped Strontium borophosphate glasses		
4	Pradip Zambare, Dada Saheb rawal College, Dondaicha, M.S.	P	PL	Effect of rare earths doping on the luminescence characteristics of the Sr_2CeO_4 phosphor		
5	A.P.Zambare	P	TL	Thermoluminescence (TL) properties of some rare-earth doped $BaMg_{10}O_{17}$ phosphor		
6	Mahentesh Budri, Dharwad	P	Allied Applications	A turn on optical chemodosimeter (E)-N'-(2-hydroxybenzylidene)-3,5-di-tert-butyl-2-hydroxybenzohydrazide for probing Zn(II) ion: Synthesis, Characterization, Cell imaging, Photophysical and Theoretical studies		
7.	Manas kumar	P	nanoparticles	Semiconductor nanoparticles theory and		



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	Sahu,IKSVV Khairagarh			applications (26.10.18)		
8.	Dr.Senthil Kannan, Nagapattinam	P	PL	Photoluminescence, xrd, afm, xrfl, mass spectral, chns, influx, beam displacement of Rb ₂ Ti ₂ O ₅ crystalline materials		
9.	Dr.Satendra Kumar, IGCAR	O	PL	Luminescence of Eu(III) with furan mono- carboxylates in aqueous medium: Ligand sensitization and computational studies		Reg.fee paid.5000. on 3.12.
10	G.Raj Kumar, Anna Univ. Chennai	O	PL	Synthesis and Photoluminescence properties of Lu ³⁺ -doped LaBO ₃ phosphor for Solid state lighting		Reg.Fee paid(27.11) SBIIN.....5284
11	H.C.Mandavia,Rajkot	P	TL	Detection of Ionizing Radiations by studying Ceramic Tiles Materials Using Thermoluminescence Technique		
12	R.Ananthanarayanan,Dr. IGCAR	P	Allied application	Detection of picric acid by ligand sensitized fluorescence spectroscopy"		
13	Ruby Priya O.P.Pandey Thapar Patiala	P	PL	Photoluminescent enhancement with alkali and alkaline-earth metal ions co-doping in Gd ₂ O ₃ :Eu phosphors prepared by co- precipitation Method		Registration fee paid ICICI Bank 27.11 1585...6488
14	Ishita Khurana,	P	PL	Synthesis of europium doped calcium		



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	O.P.Pandey Thapar			silicate (Ca ₃ Si ₂ O ₇ :Eu ²⁺) phosphors using agricultural waste		
15	M.Jayachandiran, Kennedy,SSN college of Eng Chennai	P	PL	Synthesis and photoluminescence properties of Pr ³⁺ activated yellowish-red emitting phosphors for white LED applications		
16	P.Balakrishnan, SNN college of engineering, Chennai	P	PL	Synthesis and photoluminescence properties of Ba ₂ CaZn ₂ Si ₆ O ₁₇ :Bi ³⁺ blue emitting phosphors with high thermal stability for White Light Emitting Diodes		
16	Nara Singh Moirangthem, Gartia, Guwahati Univ.	P	TL	Re ³⁺ (Re= Dy ³⁺ , Tm ³⁺ and Sm ³⁺) induced Trap levels modifications in Calcium Aluminates (CaAl ₂ O ₄)		
17	Himani Thakur, Arvind Kangra HP	P	PL	Synthesis and optical properties of GdVO ₄ :Eu ³⁺ Phosphor		
18.	Pradeep Dewangan1, Raipur	O	PL	Studies on the Photoluminescence Properties of Sr _{3-x} MgSi ₂ O ₈ :Eu ³⁺ (x= 1.0, 2.0, 3.0) Phosphors by Solid State Reaction Method		
19	E.Annie Rathnakumari, SSN college, Chennai	P	PL	Photoluminescence properties of Sm ³⁺ activated NaCaBi ₂ (PO ₄) ₃ Phosphors for WLED applications		



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20	Ranjoy Wangkhem and N.Shanta Singh, Nagaland	O	Allied application	Poly (acrylic acid) functionalized $YVO_4:Eu^{3+}$ nanocrystals as luminescent probe for selective sensing of Cu^{2+} ions		
21	Dr.Nag Bhargavi, Raipur	O	PL	A comparative study of structural and optical properties of Eu^{3+} and Gd^{3+} ions modified $BaZr_{0.05}Ti_{0.95}O_3$ ceramics		
22	Dr.Aloke Varma, Kalinga, Raipur	O	Solar cells	Synthesis and Characterization of High-Performance Solar Cell (18.11)		
23	D.N.Game, Pune/Amravati	P	PL	Photoluminescence (PL) properties of $LiMgPO_4:Tb^{3+}, B$ Phosphor for Solid State Lighting		
24	Girish C.Mishra,, O.P.Jindal University, Raigarh	O	LL	Gamma-irradiated $GdCa_4O(BO_3)_3$ phosphor for Lyoluminescence study		
25	Aksh Kumar Verma, Raipur	P	ML/TL	Effect of mixing on mechano & thermo-luminescence performance of the $Sr_{1-x}Eu_xMgAl_{10}O_{17}$ phosphor		
26	Tarakeswar Sinha NIT Raipur	P	PL	Photoluminescence properties of chemical bath deposited cadmium sulfide (CdS) films		
27	Amba Mondal, IIT	O	PL/Allied	Cr^{3+} -doped zinc gallate nanophosphor for		Registered Nov.28.



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	Dhanbad		application	temperature sensing		SBIIN718332515765
28	Piyush Jha	P	ML	Development of Mechanoluminescent Film for Real Time Stress Monitoring		Registered. 29.11
29	Piyush Jha, Raipur	O	ML	Development of Mechanoluminescent Optical Fiber Sensor		
30	Vivek Chandra, Durg	O	PL	Organic Light- Emitting Diodes For Solid State Lighting		
31						
32	Poonam Bichpuria, Raipur	P	PL	Photoluminescence studies of Silver doped CdTe Semiconducting QDs		
33	Priya Chandrakar, Raipur	P	TL	Synthesis and Thermoluminescence Properties of Ce ³⁺ doped Sr ₃ SiO ₅ phosphor		
34	Ngangbam Chandrasekhar, R.K. Gartia IMphal	O	TL	Charging and Discharging in persistent Phosphors: The Case of SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺		Reg.fee paid. Bank of baroda 29 Nov. IR10404284
35	Jitender Kumar, Amity University, Haryana	P	TL	Thermoluminescence study of gamma irradiated Mg ₂ B ₂ O ₅ nanophosphors		Reg.fee paid.30.11. Accommodation.
36	Megha Jain,	P	PL	Effect of fuel nature and relative composition on crystal structure		



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				and emission properties of ZnAl ₂ O ₄ nanocrystals		
37	Piyush Jha, Raipur	P	ML	Elastico-mechanoluminescence of ZnS: Mn composite film induced by ball impact for developing impact sensor',		
38	Sanodia, Piyush Jha	P	ML	Pulse-induced mechanoluminescence from sugar crystals		
39	Piyush Jha, Ayush Khare, Raipur	P	ML	Strong Mechanoluminescence from (CaSr)Al ₂ Si ₂ O ₈ :Eu,Dy Phosphor"		
40	M.K.Sahai, BARC, Mumbai	O	TL	How uncertainty goes with order of kinetics of thermoluminescence: A fuzzy set theory approach		
41	Monika Somani, DAVV, Indore	P	PL	Photoluminescence Studies of Eu ³⁺ Activated Sr ₂ SiO ₄ Phosphor		Reg.Fees?
42	Amalesh Kumar, Dhanbad	P	PL	Temperature dependent photoluminescence properties of red emitting Gd ₂ Zr ₂ O ₇ : Eu ³⁺ phosphor		
43	Manju, Punjabi Univ Patiala	P	Nanoparticle	Excitation Wavelength Dependent Tunable Luminescence in SrZnO ₂ Nanoparticles Excitation		
44	Jakathamani S, IGCAR	P	OSL/Dosimetry	Optically stimulated luminescence studies of capacitors for Retrospective Dosimetry		



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45	Savita Wadhva, Patiala	P	TL	Thermoluminescence Studies of Combustion Synthesized MgO Nanoparticles		
46	Lekshmi Kurup, IGCAR, Kerala (Nov.23)	P	TL	Dosimetric studies on Ti doped Lithium Silicate phosphor using Thermoluminescence		
47	Nithya Joseph, IGCAR/,Kerala	P	PL	Luminescent studies of Tb ³⁺ and Eu ³⁺ ion doped Li ₂ BaP ₂ O ₇ phosphor		
48	Sapana Singh, Kuraria, Raipur (Nov.20)	P	PL	Photoluminescence Studies Of Cerium Doped Magnesium Aluminate Nanophosphors (MgAl ₂ O ₄ : Ce)		
49	Shweta Sharma, Raipur	O	PL	Optical Properties of Novel Orange-Red Light Emitting Sm ³⁺ Activated Sr ₃ Al ₁₀ SiO ₂₀ Phosphor		
50	Dr.M.Z.Khan, Bilaspur	P	PL	Luminescence properties of calcium aluminate phosphors		
51	S.Sekar, V.Bhat SRM, Kancheepuram (Nov.20)	P	PL	Layered 2D-BCNO with Eu ³⁺ for direct white light emission		Registration fee paid CitiUnion bank, 30.11.
52	Shilpa Bavasar, Baroda	P	TL	Effect of Gamma irradiation on Thermoluminescence properties of 5 wt %		



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				of Eu ₂ O ₃ doped Polystyrene Polymer Films		
53	Amol Nande, Chandrapur	O	PL	Luminescence properties of 2 % Eu doped Meta-Silicates		
54	J.Nandhagopal,SSN, Chennai	P	TL	Pressure and Temperature Induced Defect Aggregation in Ca/SrCO ₃ : Dy Thermoluminescent Phosphor		
55	Dr.Swati Raut, Chandrapur	P	PL	To discover a better synthesis method for the preparation of CaMgP ₂ O ₇ :Dy phosphor		
57	Annalakshmi, IGCAR	P	TL	Thermoluminescence studies on Gd doped Lithium Magnesium Borate phosphor		
58	I.P.Sahu, Amarkantak Univ.	O	PL	Structural & Optical Properties of Europium doped Strontium Zirconium Silicate Phosphor		
59	IPSahu, Amarkantak	P	PL	Luminescence Properties of Dysprosium doped Strontium Zirconate Phosphor by Solid State Reaction Method		
60	Rajendra Ardalkar, Gem. Inst.India, Mumbai	P	PL	Photoluminescence (PL) Investigation of Ni & Co Impurity Complexes in Diamond under multiple laser (405, 532, 633, 785 & 830) excitations.		
61	Shailendra Kumar Singh,	O	Allied	Synthesis and Characterization of ZnO over		Reg.fee paidNB



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	AcSIR, Kolkata (Nov.22)		Applications	Au coated optical fiber for ammonia detection in aqueous medium		NEFT UTR NO. SBIN818333765608 29.11
62	Amit K.Vishwakarma, Ghaziabad	P	PL	Sm ³⁺ doped BaBi ₂ Nb ₂ O ₉ phosphor for solid-state lighting applications (28.11)		
63	Verma Vishvnath, Baroda	P	PL	Synthesis and photoluminescence studies of Eu(III) doped Barium Cerium Niobium (BCN) oxide		
64	Rakesh kumar Ahirwar, U.S.Patle, Hoshangabad	P	PL	Luminescence Properties and characterization of Zinc Sulfide quantum dots under the effect of Mn concentration		
65	Sanjay Parganiha, Raipur	P	ML	Theoretical Study of Shock-Induced light Emission in Lithium Niobate Single Crystals at High Velocity of Impact"		
66	Vandan Taori, Sakshi Sharma	P	PL	Growth and characterization of chemically deposited ZnO @ Ag decorated thin films		
67	Pritibala Taunk, Raipur	P	PL	Synthesis and characterization of Zn doped lead hydroxide nano particle at high temperature		
68	R.K.Tamrakar, Raipur	P	Nanoparticle/PL	Photoluminescence Behavior of ZnO Nanophosphor Activated By Eu ³⁺ Ion		
69	Kanchan Upadyay,	P	PL	Enhanced Photoluminescence properties of		



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	Kottayam			$Y_2SiO_5:Eu^{3+}$ by Li^+ and Zn^{2+} codoping		
70	Tamrakar, Kanchan Upad	P	PL	UV emitting behavior of Gd^{3+} doped strontium meta silicate		
71	Tamrakar ³ , Raipur	P	TL	Thermoluminescence behavior of Gd^{3+} doped strontium meta silicate (24.11.)		
72	Pradeep Dewangan ³	P	PL	Luminescence Properties of Dy^{3+} doped Ca_2MgSiO_5 Phosphors (24.11)		
73	Vishnu V.Jaiswal, NIT Warangal	O	PL/TL	Tuning of emission colors (400 – 600 nm) of aqueous stable and ambient-light excitable $Sr_2MgSi_2O_7:Eu^{2+}$, Dy^{3+} long afterglow phosphor		
74	Pritbala Taunk, Raipur	P	PL	Synthesis of Rod like ZnO synthesized by co-precipitation method and Its Luminescence properties		
75	B.R.Verma,	P	PL	Synthesis and Luminescence Behavior of Europium doped Calcium Magnesium Silicate Phosphor		
76	C.B.Palan, Amravati	P	PL	Synthesis and luminescence properties of Tb^{3+} doped $LiMgPO_4$ phosphor for radiation dosimetry		
77	C.B.Palan, Amravati	P	OSL	TL/OSL properties of Ce^{3+} activated		



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				NaLi ₂ PO ₄ phosphor for radiation dosimetry		
78	Kanchan Mondal, IIT Dhanbad	O	PL	Efficient white light emission of Dy ³⁺ and Eu ³⁺ co-doped phosphors		
79	Th.Tejkumar Singh, Nabadwip Singh, Imphal	P	TL	Spectroscopic analysis of the thermoluminescence glow curves of gamma irradiated natural salt extracted from a saline spring (26.11)		
80	Anil Choubey, Raipur (nov.25)	P	ML	Mechanoluminescence studies of γ -induced Dy ³⁺ activated SrAl ₂ O ₄ phosphor for high radiation dose dosimetry		
81	Kiran T.Rathod, Surat	P	Allied applications	Effect of L-Valine and Ammonium Heptamolybdate on Growth, FTIR and Mechanical Studies of Zinc Thiourea Sulfate (ZTS) NLO crystal		
82	Dr.Ketki A.Mistry, Surat	P	Allied applications	EDAX, XRD and SEM Of Hydroxyapatite Synthesized by Wet Chemical Precipitation (25.11)		Regidtration fee paid for 2 persons.(+Zenab V.Fojdar)
83	Ganesh Ram Banjare, Raipur	P	PL	Luminescence behavior of SrBaSiO ₄ :Dy ³⁺ , R ⁺ (Li ⁺ , Na ⁺ , K ⁺)		



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				Phosphors		
84	Dr.Rajesh Lalwani, BIT, Durg	O	Solar cell	In situ Chemical Bath Deposition of Nanocrystalline CdS thin films for solar cell photovoltaic Applications		
85	S.K.Mahajan, Vidisha	P	PL	UV and Visible luminescence of Ag-Tm ³⁺ doped Germanotellurite glass under 980 nm excitation		
86	Harpreet Kaur, DTU, Delhi	P	PL	Sol-gel synthesis and optimization of luminescent properties of Dy ³⁺ doped Na ₂ CaSiO ₄ phosphor for optoelectronic device applications		
87	Sumandeep Kaur, Jai simhadri, DTU, Delhi	O	PL	Study of color tunability and energy transfer mechanism in Dy ³⁺ /Eu ³⁺ co-doped calcium aluminozincate phosphor		
88	Animesh Verma, Mrinal Pande, DTU	P	PL	Structural and fluorescence studies of Eu ³⁺ activated Niobate phosphor for solid state lighting applications		
89	Mukesh K.Sahu, DTU	P	PL	Synthesis and photoluminescence properties of Dy ³⁺ doped pyro-phosphate phosphor for white LEDs		
90	P.K.Sahu, Durg	P	Quantum dot	Investigation of the growth of semi-metals doped CdSe thin films through structural,		



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				optical and electrical characterization (27.11)		
91	Basavaraj R.P., Tumkur	O	Allied applications	Highly sensitive detection of human sweat pores by cyan emitting fluorescent powders prepared via one-pot Hydrothermal Route		Registered 30.11
92	Kavyashree.D, Tumkur	P	PL	Shape controlled sonochemical synthesis of ZnO hierarchical structures for display and advanced forensic applications		
93	Navami D, Tumkur	P	Nanoparticle	Solution combustion synthesis of CaZrO ₃ :Dy ³⁺ nanopowders for display and advanced forensic applications		Registered 30.11
94	Mangala Gowri, Tumkur	P	nanoparticle	Sonochemical synthesis X1 and X2 Phase Y ₂ SiO ₅ :Eu ³⁺ nanopowders: Luminescence and Judd-Ofelt analysis		Registered. 1.12.
95	Deepti N.H. Tumkur	P	Nanoparticle	Synthesis of CuO/CoO ₃ nanocomposites via modified Sonochemical route: Structural and Luminescence properties		Registered.30.11
96	B.S.Rohini, Tumkur	P	nanoparticle	Sonochemical synthesis of tunable morphology with dual phase ZrO ₂ :Eu ³⁺ nanopowders for display and advanced forensic applications		Registered30.11
97	Prof.Rama.Shankar	O	Solar ecells	Perovskite-Based Solar Cells : Materials,		



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	Singh, Bhilai			Methods and Future Perspectives	
98	Renu Nayyar, Bilaspur	O	ML	Mechanoluminescence characteristics of γ -irradiated and Eu^{3+} activated $\text{Li}_6\text{Y}(\text{BO}_3)_3$ phosphor	
99	Sumedha Tamboli, Nagpur	O	PL	EVI parameters of Cu^{+} doped barium sulphide phosphor	
100	A.R.Kadam, Nagpur	P	PL (27.11)	Synthesis and Luminescence Properties of Eu^{3+} Doped $\text{Na}_2\text{Sr}_2\text{Al}_2\text{PO}_4\text{Cl}_9\text{-XF}_x$ Phosphors	registered
101	Anju Pakhale, Nagpur	P	PL	Calculation of EVI parameters of Cu^{+} in CaS compound	
102	Digambar Oval, Nagpur	P	TL/dosimetry	Thermoluminescence and Radiation Dosimetric properties of Eu^{3+} doped Sodium Aluminum Silicate Phosphor	Registered.
103	Yatish Parauha, Nagpur	O	PL	Synthesis and luminescence properties of Eu^{3+} doped $\text{La}_2(\text{MoO}_4)_{3-x}\text{Ax}$ [A = PO_4 , SO_4 , VO_4] phosphors for White Light Emitting Diode	Registered, 1.12
104	Chaitali Mehare, Nagpur	P	PL	Luminescence of Eu^{3+} ion in $\text{Ca}_9\text{La}(\text{PO}_4)_5(\text{SiO}_4)\text{F}_{1-x}\text{Cl}_x$ Phosphor	Registered. 30.11
105	Akhilesh Ugale, nagpur	P	EL	Investigations on $\text{Eu}(\text{TTA})_3\text{tppo}$ hybrid organic phosphor for OLED applications	



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106	K.K.Gupta, Nagpur	O	IL/dosimetry/nano	Tb ³⁺ doped LiMgPO ₄ nanophosphor for C ₆₊ ion beam and γ - ray dosimetric application		Registered. 29.11 833316902935
107	J.A.Wani, Jammu	P	PL	Synthesis and luminescence study of Na ₂ CaMg(PO ₄) ₂ :Tb ³⁺ green phosphor		
108	Dipti Chitnis, Nagpur	P	PL	UV-visible analysis of europium based organic complexes encapsulated in PMMA matrix		
109	R.G.Gunghatkar, Nagpur	P	PL	Luminescent characterizations of blue emitting phosphor CaAlBO ₃ F ₂ :Eu ²⁺		registered
110	Thejokalyani, Nagpur	O	PL	Investigations on zinc metal chelate (Znq ₂) under various environments		
111	Amit R.Bansod, Nagpur	P	SL	. Recent advances in sonoluminescence		
112	S.Y.Mullemwar, Nagpur	P	PL	Evaluation of Structural and Optical Properties of P-Acetyl biphenyl-DPQ phosphor for OLED applications (28.11.)		
113	V.R.Panse, Nagpur	P	PL	Photoluminescence analytical study of KSrPO ₄ :RE (RE = Eu ²⁺ , Ce ³⁺) Blue Emitting Lamp Phosphor		
114	Mrunal Yawalkar, Bilaspur	O	PL	Luminescence of Dy ³⁺ in Li ₆ Gd(BO ₃) ₃ phosphor		registered
115	J.B.Mahakode, Nagpur	P	PL	X-ray induced luminescence in rare earth		



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				free SrMg _{0.97} Al ₁₀ O ₁₇ : 0.03Mn ²⁺ +phosphor		
116	Archana Deshpande, Nagpur	P	TL	Wet Chemical Synthesis and Thermoluminescence Study of KNaSO ₄ :Dy Phosphor		Registered.29.11
117	Tresa Joseph, Nagpur	P	PL	Photoluminescence Study of Eu ³⁺ doped ZnB ₂ O ₄		Registered. 1.12.
118	Rashmi Jain, Nagpur	P	TL	Thermoluminescence study of fly ash with divalent anion composite materials for high dose TL dosimetry application		
119	Nita Shinde, Nagpur	P	PL	Luminescence study of Ce ³⁺ and Dy ³⁺ activated KZnSO ₄ Cl chlorosulphate phosphor		
120	S.Satyanarayana Reddy, PESIT, Bangalore	O	TL/medical	TL properties of 80 MeV C ⁶⁺ ion irradiated Al ₂ O ₃ : Tb ³⁺ ,Tm ³⁺ phosphor for medical application (28.11)		
121	D.Prakash,,PESIT- Bangalore	P	TL	Investigation on thermoluminescence properties of β-irradiated CaO: Dy ³⁺ phosphor		
122	Meghnath Sen, RRSD, BARC, Mumbai	O	dosimetry	Dosimetric characterization of a new neutron sensitive TL phosphor material (28.11)		



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123	Vikas Punse, Amravati, S K.Omanwar	P	PL	Synthesis and Photoluminescence properties of $K_2CaP_2O_7:Ce^{3+}$ phosphor		
124	Dr.Abhishek K.Mishra, Durg	P	nanoparticles	Characterization of Ferric Oxide Nanoparticles Dispersed in Ferroelectric Liquid Crystal		
125	Raja Krishna, IGCAR	P	Application	BaFBr:Eu ²⁺ phosphor for low energy gamma radiation detection		
126	Asmita Mohanty, NIAS, Bangalore	O	OSL	Preliminary investigation of active tectonic signature in the foothill zone of NW Himalaya using remote sensing and GIS		Registered on 3.12. Rs.3500. Accommodation + train fare
127	Lingaraj, Tumkur	P	Nanoparticles/PL	Mimosa pudica (L.) mediated fabrication of ZnO NPs: Characterization and Evaluation of antibacterial, anticancer and photoluminescence properties		
128	Hajeebaba Inamdar, Tumkur	O	Nanoparticles	Orange light emitting Polypyrrole/CaTiO ₃ :Sm ³⁺ nano-composites for solid state lighting applications		
129	Sarita Kumari Yadav, Raipur	P	EL	Synthesis, Structural and Electroluminescence studies of CdSe/PVK Nanocomposites		



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130	Manish Kalra, Bilaspur	P	TL	Thermoluminescence studies of gamma irradiated potassium bromide single crystals and microcrystalline powder doped with terbium		
131	Sanasam Suranjit, Imphal	P	Dosimetry	Assessment of radiation dosimetry of different type of houses of Imphal-east district, Manipur, india – a community health prospects		
132	Joy Shangkar Singh, Imphal	P	Dosimetry	Study On Natural Background Radiation Dosimetry In And Around Senapati District of Manipur,India.(30.11)		
133	Ragul Baghel, SSGI, Bhilai	P	PL	Structural, Electronic and Optical Properties of Wurtzite Structure (100-x)AgI : xCuI : First Principle Study		
134	Shitaljit Singh, Imphal	P	TL/Dosimetry	Analysis of CaSO ₄ :Dy by VHR method relevant with environmental dosimetry (30.11)		
135	Dr.R.P.Patel, Kalinga University, raipur	O	PL	Preparation of Sr ₂ SiO ₄ :Dy ³⁺ , Eu ⁺² phosphors by combustion method and their optical properties (1.12)		
136	Dr.R.P.Patel, Durga Verma, Kalinga	P	TL	Preparation of Sr ₂ SiO ₄ :Dy ³⁺ phosphors by solid-state reaction method and their		



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	University			thermoluminescence properties		
137	Sridhar Goud Arelli, OP Jindal Univ. Rajasthan (1.12)	P	PL	Luminescent iridium complexes for OLED		Registered 3.12.18 Accommodation, Train fare request.
138	Dr.Nikhil Ranjan Jha, Raipur	P	PL	Photoluminescence Studies of Eu ²⁺ and Eu ³⁺ in Y ₂ O ₃ :Eu Nanophosphor		
139	Sanskriti Parashar and Dr.Yogesh D.Kale, Baroda	P	OSL	The OSL study of different grains followed by beta radiations for as received synthetic quartz sample		
140						
141	Yugbhodh Patle, Raipur (3.12)	O	TL	Thermoluminescence studies of undoped M ₂ ZnSi ₂ O ₇ phosphor (M= Ca, Ba, Sr)		
142	Dr.Rishi Jaiswal, Sejbahar, Raipur (3.12.)	P	EL	Tunneling Controlled Electroluminescence Switching in Bilayer Organic Light Emitting Diodes		
143	Dr.Zakir Khan, Amravati (3.12)	O	TL	Combustion Synthesis and Thermoluminescence Properties of CaB ₆ O ₁₀ : Cu Phosphor		
144	Tripti Richhariya, Raipur (3.12)	P	PL	Study of Photoluminescence properties of Ce ³⁺ doped M ₂ Al ₂ SiO ₇ (M=Ca,Sr,Ba) Phosphor		
145	S.Ashwini, SCPrashanta,	P	PL	Synthesis, Characterization and		



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	Gubbi (4,12)				Photoluminescence studies of Bi ₂ O ₃ :Nd ³⁺ Nanophosphors	
146	Vijaya Shanbag, bengaluru	Co-author	TT		Synthesis and luminescence properties of Li ⁺ co-doped CaTiO ₃ :Sm ³⁺ nanophosphor for solid state display applications	
147	Ramachandra Naik, SCPrashanta, Bengaluru	P		PL	.Photoluminescence properties of the Nd ³⁺ doped LaAlO ₃ -A green light emitting nanophosphor for NUV-excited light-emitting diodes	
148	Raksha Pal, NIT Rourkela	P		PL	Design, Synthesis and photophysical studies of Blue Fluorophores for OLEDs	Reg.fee paid.7.12.
149	Rachna Devi, NIT Rourkela	O		PL	Tailoring of C1-Functionalised Phenanthroimidazole based Eu(III) complexes : A study of photo-physical and electrochemical properties	Reg.fee paid.7.12.
150	Marikumar, NIT, Rourkela	P		PL	New red emitting phosphors NaSrLa(MO ₄) ₃ :Eu ³⁺ [M = Mo and W] for white LEDs: Synthesis, structural and optical study	Reg.Fee paid. 7.12
151	Satish Kumar, NIT, Rourkela (4.12.)	P		PL	Synthesis and photo-physical study of the Zero dimensional perovskite Nano crystals for white LEDs application	



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152	Rachna Singh, Govt.Polytechnic, Durg	P	PL theory	A comparative study of optical properties of PPV and MEHPPV-DFT Approach		
153	Nimesh Patel, Baroda (4.12)	P	PL	Luminescence Properties of Rare Earth Doped Strontium Pyrophosphate and Its Applications		
154	Jitesh Sharma, Baroda (5.12)	P	PL	Photoluminescence study of CaO:Eu (Sm,Gd,Dy)		
155	D.S.Kshatri, Ayush khare, Raipur	P	PL	Synthesis and characterization of SrAl ₂ O ₄ : Eu ²⁺ , Dy ³⁺ thin film prepared by electron beam evaporation deposition method		
156	Dr.Shubra Mishra,,Shankaracharya, Raipur	P	nanomaterials	Atomic force microscopy analysis of Ce doped SrS thin films deposited by e-beam evaporation deposition method		
157	Anup.P.Bhat, SJD, Nagpur	P	Nanoparticles	Review of Magneto-Luminescent Nanoparticles For Real-Time Imaging		
158	Nutan.S.Satpute, SJD, Nagpur	O	PL	Activators Dependent Downconversion Phosphors for Enhancement of Efficiency of Solar Cell		
159	Arati Duratkar, SJD, Nagpur	P	TL	Photoluminescence and thermoluminescence study of Ce activated Sr ₅ Al ₂ O ₈ phosphor		
160	Vrushali Yerpude, SJD,	P	PL	Impact of synthesis methods on		



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	Nagpur			photoluminescence properties of Na ₁₅ (SO ₄) ₅ F ₄ Cl:Cu ⁺ phosphor		
161	R.L.Kohale, SJD, Nagpur	P	PL	Energy and environmental impact of SrZnP ₂ O ₇ :Dy ³⁺ inorganic pyrophosphate for eco-friendly white LED		
162	Sk.Erfan, KVRM, Addanki	P	PL	Photoluminescence study of Mn doped BaY ₂ O ₄ :Eu		
163	D.Srinivasa Rao, KVRM, Chimakurty	P	PL	Photoluminescence of SrLa ₂ SiO ₆ :Eu		
164	P.Indira, KVRM, Addanki	P	PL	Red Emitting phosphors for Device Applications		
165	P.B.Lakshmi Prasanna, KVRM, Ongole	O-39	PL	Photoluminescence of Eu ³⁺ Activated Zn ₂ GeO ₄		
166	Karunakar Sakampally, Medchal	P	PL	Synthesis and Luminescence studies of 2Y ₃ Al ₅ O ₁₂ :Tb:Eu		
167	P.Sairaju, KVRM, Ongole	P	PL	Zn ₂ SiO ₄ doped with Mn Phosphor for displays		
168	P.Kamala, KVRM, Machalipatnam	P	PL	Photoluminescence properties of Eu ³⁺ (1.5 mol%) doped CaAl ₂ O ₄ and Ca ₂ SiO ₄ phosphors for w-LED applications		
169	Kishore Babu, bachupally	P	PL	Photoluminescence Studies of Eu (1.5 mol%), Tb (1 mol%) co-doped MgO		



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				Phosphor		
170	S.Ravikumar, KVRM Narasaraopet	P	PL	Photoluminescence properties of Eu ³⁺ doped Gd ₂ SiO ₅ phosphor		
171	Ch.Vijay, KVRM,	P	PL	Physical and optical properties of Dy ³⁺ doped antimony borate glass		
172	Y.N.Ch.Ravi babu KVRM, Machalipatnam	P	PL	Photoluminescence Studies on Eu doped strontium borophosphate		
173	UVBB Krishnaprasad, Kakinada	P	PL	Synthesis and Luminescence Studies of RE doped CaCeO ₃		
174	S.K.Erfan, KVRM, Ongole (6.12)	P	PL	Characterization Techniques of Eu(1.5%) doped Y ₂ SiO ₅ – Tb(2%)Phosphor		
175	S.P.Bhagat, SKOman, Washim	P	PL	Combustion synthesis and luminescent properties of color-tunable Eu ³⁺ /Tb ³⁺ co-doped BaLaB ₉ O ₁₆ Phosphor		
176	Siteshwari Chandraker, Durg	P	PL	White light emission of Dysprosium (III) doped Sr ₂ ZnSi ₂ O ₇ phosphor		
177	B.S.Shashikala, MSRamiah, Bengaluru	P	PL	Spectroscopic Studies of Strong Red Emitting CaAl ₂ O ₄ :Eu ³⁺ Nanophosphor for WLED's Applications Using Judd–Ofelt theory		



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178	G.P.Darshan, MSRamaiah, Bengaluru	O-40	Applications	Synthesis and Structural Characterization of Hierarchical YAIO ₃ :Ce ³⁺ Architectures: Nano Probe for Advanced Forensic Applications		
179	Harsha Verma, NIT Raipur	P	other	First Principle Study of Kevlar-29		
180	N.S.Sawala, SKO, Amravati	P	PL	Synthesis and Photoluminescence study of Ce ³⁺ doped SrLaAl ₃ O ₇ phosphor		
181	N.S.Sawla, Ari (6.12)	P	PL	Photoluminescence study of Tb ³⁺ /Eu ³⁺ doped NaCaPO ₄ phosphor		
182	A.O.Chauhan, Amravati (6.12)	P	PL	Narrowband UVB emitting KSrPO ₄ :Gd ³⁺ phosphor for Phototherapy application		
183	A.O.Chauhan, Amravati	P	PL	Synthesis and Photoluminescence properties of KCa ₄ (BO ₃) ₃ : Gd ³⁺ phosphors		
184	S.RJaiswal, SKO, Akola (6.12)	P	PL	Visible quantum cutting in KMgF ₂ Co-doped with Gd ³⁺ , Eu ³⁺ phosphor synthesis via reactive atmosphere process		
185	Bhonsule and Sangeeta Wankhede, Nagpur (7.12)	O-41		Study of Photoluminescence properties of CeP ₅ O ₁₄ :Tb ³⁺		
186	Ms.Upma, M.L.Verma, ,	P	PL	Optical properties of biopolymer		



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	Bhilai			chitosan on graphene nanosheet- A theoretical modelling		
187	A.B.Gawande, Sinnar, Nashik (7.12)	P	PL	Effect of [O]/[B] ratio on luminescence properties of alkaline-earth borate host phosphors		
188	Nandita Khanra, Durg	P	PL	Effect of Eu on the structure, morphology and optical properties of ZnO NWs synthesized by chemical bath deposition		
189	Vikas Dubey, Kendri	P		Effect of various doping percentage of Gd ³⁺ doped CaZrO ₃ phototherapy lamp phosphor		
190	Ekta Chandrawanshi, Raipur (8.12.)	P		Synthesis and Photoluminescence Properties of Ce ³⁺ -doped Bi ₄ Si ₃ O ₁₂ Phosphors for WLED Applications		
191	Jyoti Korram, Raipur Univ. (8.12)	O-42	Nano/applied	FRET-Based Switching of Blue Luminescent Carbon Quantum Dot for the Sensing of Organophosphorus and Carbamate Pesticides: Gold Nanoprobe for Inhibition and Reactivation of AChE		
192	Lakshita Dewangan,	P	Applied	Green Luminescent CdTe Quantum		



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	Raipur Univ.			Dots for the highly sensitive detection of organophosphorus pesticides: In situ generation and consumption of H ₂ O ₂		
193	Pushparaj Zala, KVRM, Chotaudepur, Gujarat (8.12)	P	TL	TL Dosimetric study of natural Dolomite		
194	D.Srinivasarao, Sravari, Chimakurty (9.12)	P	PL	Synthesis and characterisation of Eu codoped Zn ₂ SiO ₄ :Mn phosphor		
195	Ugendra kumar Kurrey (18 Nov.)	P	TL	Impact of synthesis on Kinetic Parameters of Ti doped ZrO ₂ Phosphors		
196	Vivek Sonwane (9.12) Raipur (9.12)	P	ML	Ultrasonic Wave - Induced Elastico - Mechanoluminescence: A New Technique for Ultrasonic Power Measurement		
197	Kevil Shah (10.12), Baroda	P	PL	Synthesis of UAV emitting Praseodymium doped Lanthanum Oxide (Pr ³⁺ : La ₂ O ₃) phosphor and their medical application		
198	B.Vinod Kumar, KVRM, Machilipatnam (10.12)	P	PL	Photoluminescence Studies of Y ₃ Al ₅ O ₁₂ : Ge(1%), Eu(2.5%) Phosphor under various flux media		
199	B.Waltair, KVRM, Machalipatnam	P	PL	Photoluminescence Studies of Gd ₃ Al ₅ O ₁₂ : Ge, Eu Phosphor		



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200	Yash R.Gai, Nagpur	P		Photoluminescence Study of Eu ³⁺ doped Na _{2-x} Mg(PO ₄) _{1-y} (VO ₄) _y F phosphor for color tunable white light		
201	R.D.Chavhan, Nagpur	P		Synthesis, Characterization and Sonoluminescence Study of Silicon Carbide Nanoparticles		
202	Simran A.Mishra, Nagpur	P		White light emission from Dy ³⁺ doped Ca _{4-x} Al(SO ₄)F _{12-y} Cl _y for White LEDs		
203	Satnam Kaur S.Mattu, Nagpur	P		UVB emission of LiLa(PO ₃) ₄ :Gd ³⁺ phosphor for Phototherapy lamp		
204	N.R.Pawar, Nagpur	O-43		Synthesis, Characterization and Sonoluminescence Study of Boehmite Nanoparticles		
205	Sanjay Kumar Baghel, Raipur (10.12)	P	PL	Studies on Luminescence properties of SrZrSi ₂ O ₇ :Ce ³⁺ Phosphor		
206	Revupriya, Trivandrum (10.12)	P	PL	Photoluminescence studies of Europium doped ZnAl ₂ O ₄ phosphor		
207	G.Sahu, Raipur (10.12)	P	TL	Thermoluminescence studies of Dy ³⁺ doped MgO phosphor		
208	B.Vasanthi, Trivandrum	P	PL	Synthesis and luminescence properties of gallate based phosphors		
209	Ganesh Ram Banjare	P	PL	Effect of monovalent ion on		



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	(11.12)			Luminescence properties of Ba ₂ SiO ₄ :Ce ³⁺ +Dy ³⁺ Phosphors		
210	S.Latha, HNB, Tumkur	P	Applied PL	NUV light-induced green emitting erbium-doped BiOCl:Er ³⁺ microstructures: Luminescence and forensic applications		
211	Prachi Tadge, Sudeshna Ray, Bhopal (11.12)	O-44	NP/PL/Solar cell	Investigation of Multimodal emission of Y ₂ O ₃ :Ho ³⁺ , Yb ₃₊ nano-phosphor and its application in Dye-Sensitized Solar Cells with 16.29% Improvement in Power Conversion Efficiency		