

GDC Memorial College, Bahal

Research Papers Published

S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal / Digital Object Identifier		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1	N-heterocyclic carbenes-A revolutionary turning point inorganometallic catalysis	Ishita Asrani, and Anita Tanwar	Chemistry	American Institute of Physics (AIP) Conf. Proc.	2019	1551-7616	https://doi.org/10.1063/1.5122631	https://doi.org/10.1063/1.5122631	YES
2	Persistence and dissipation of ready pre-mix formulation (novaluron + indoxacarb) in/on tomato (<i>Lycopersicon esculentum</i> Mill.) and its leaching in soil	Anita and V.K.Madan	Chemistry	American Institute of Physics (AIP) Conf. Proc.	2019	1551-7616	https://doi.org/10.1063/1.5122390	https://doi.org/10.1063/1.5122390	YES
3	Role and effects of nanotechnology used in pesticides and agriculture field	Anita Tanwar,; Sushil	Chemistry	American Institute of Physics (AIP) Conf. Proc.	2019	1551-7616	https://doi.org/10.1063/1.5122581	https://doi.org/10.1063/1.5122581	YES
4	Dissipation Kinetics of Novaluron-IndoxacarbCombiproductinSoilunderTomatoCrop(<i>Lycopersiconesulentum</i> Mill.)	Anita , V. K. Madan and Reena Chauhan	Chemistry	Pesticide ResearchJournal	2019	2249-524X	10.5958/2249-524X.2019.00011.6	10.5958/2249-524X.2019.00011.6	No
5	Leaching Behaviour ofCombination Product (Novaluron 5.25% + Indoxacarb 4.5% SC) at Different Depths of SandyLoamSoil	Anita ,V.K. Madan, Sushil Ahlawat and Reena Chauhan,	Chemistry	Int.J.Curr.Microbiol.App.Sci	2018	2319-7706	https://doi.org/10.20546/ijcmas.2018.712.032	https://doi.org/10.20546/ijcmas.2018.712.032	No
6	Dissipation pattern and effect of household processing on reduction of Indoxacarb residues in tomato fruits (<i>Lycopersicon esculentum</i> Mill.)	Anita ,V.K. Madan, Sushil Ahlawat and Reena Chauhan	Chemistry	Journal of Entomology and Zoology Studies	2018	2320-7078	https://www.entomoljournal.com/archives/2018/vol6issue6/PartN/6-6-54-618.pdf	https://www.entomoljournal.com/archives/2018/vol6issue6/PartN/6-6-54-618.pdf	No
7	Impact of Different Decontamination Processes on the Reduction of Pesticide Residues in Fruits and Vegetables	Anita ,SushilAhlawatandSudeshDevi.	Chemistry	Int. J. Curr.Microbiol.App.Sci.	2018	2319-7706	https://doi.org/10.20546/ijcmas.2018.705.106	https://doi.org/10.20546/ijcmas.2018.705.106	No
8	Dissipation Behaviour andEffect of Different Decontamination Processes on Reduction of Residues of Novaluron inTomato (<i>Lycopersicon esculentum</i> Mill.)	Anita , V. K. Madan, Reena Chauhan and Beena Kumari	Chemistry	Int.J.Curr.Microbiol.App.Sci	2018	2319-7706	https://doi.org/10.20546/ijcmas.2018.705.079	https://doi.org/10.20546/ijcmas.2018.705.079	No
9	Review on Analytical Techniques used for the Estimationand Persistence of Ready-Mix Formulation Residues in Various Crops and Soil.	Anita and Bharti Sharma	Chemistry	InternationalJournal of Science and Research (IJSR)	2018	2319-7064	https://goo.gl/WBz1So	https://goo.gl/WBz1So	No
10	A study of virescent emission from Er ³⁺ activated ternary gadolinium-based nanophosphor system applicable for current pc-WLEDs and solid-state lightings	Suman Devi , Shalini Kaushik, Hina Dalal, Mukesh Kumar, Sanjay Gaur, Sudesh Kumar	Chemistry	Indian Journal of Physics	2023	0973-1458	https://doi.org/10.1007/s12648-023-02854-1	https://doi.org/10.1007/s12648-023-02854-1	YES
11	Photoluminescence dynamics and structural characteristics of green-glimmering vanadate- based nanophosphors for progressive optoelectronic applications	Hina Dalal, Mukesh Kumar, Suman Devi , Priyanka Sehrawat, Monika Sheoran, Poonam Devi, Neeraj Sehrawat,RK Malik	Chemistry	Journal: Bulletin of Materials Science	2023	0973-7669	https://doi.org/10.1007/s12034-023-03005-2	https://doi.org/10.1007/s12034-023-03005-2	yes
12	Achieving bright green emission and probing into crystallographic features of Tb ³⁺ doped ternary yttrate-based nanocrystalline powder for solid-state illumination applications	Suman Devi , Shalini Kaushik, Mukesh Kumar, Hina Dalal, Sanjay Gaur, Sudesh Kumar	Chemistry	Journal of Materials Science and Engineering B	2023	0921-5107	https://doi.org/10.1016/j.jmseb.2023.116273	https://doi.org/10.1016/j.jmseb.2023.116273	YES
13	Crystal configuration and luminescence dynamics of highly efficient green-glimmering vanadate-based Ca ₉ Gd (VO ₄) ₇ : Er ³⁺ nanomaterials pertinent for next-generation illumination applications,	, Hina Dalal, Mukesh Kumar, Suman Devi , Priyanka Sehrawat, Monika Sheoran, Neeraj Sehrawat, RK Malik,	Chemistry	J: Inorganic Chemistry Communications	2023	1879-0259	https://doi.org/10.1016/j.inoche.2023.110593	https://doi.org/10.1016/j.inoche.2023.110593	YES
14	Opto-electronic, crystallographic, and Judd-Ofelt analysis of novel gadolinium-based europium doped BaSrGd ₄ O ₈ nanophosphor for advanced pc-WLEDs	Shalini Kaushik, Suman Devi , Mukesh Kumar, Hina Dalal, Anamika Srivastava, Manish Srivastava	Chemistry	Materials Research Bulletin	2022	0025-5408	https://doi.org/10.1016/j.materresbull.2022.111966	https://doi.org/10.1016/j.materresbull.2022.111966	YES
15	Combustion Synthesis and Study of Double Charge Transfer in Highly Efficient Cool White emitting Dy ³⁺ Activated Vanadate-based Nanophosphor for Advanced Solid-state Lighting	Hina Dalal, Mukesh Kumar, Suman Devi , Priyanka Sehrawat, Monika Sheoran, Poonam Devi, Neeraj Sehrawat, Rajesh Kumar Malik	Chemistry	Journal of Fluorescence	2022	1573-4994.	https://doi.org/10.1007/s10895-022-03098-8	https://doi.org/10.1007/s10895-022-03098-8	YES

16	Crystallographic and optical features of combustion fabricated green emitting BaY ₂ N ₃ AlO ₇ :Tb ³⁺ nanophosphor for advanced lighting applications	Shalini Kaushik, Suman Devi , Mukesh Kumar, Hina Dalal, Neeraj Sehrawat, R.K.Malik, Anamika Srivastava, Manish Srivastava	Chemistry	Journal; Applied Physics	2022	0947-8396	https://doi.org/10.1007/s00339-022-05321-6	https://doi.org/10.1007/s00339-022-05321-6	YES
17	Influence of Tb ³⁺ doping on optoelectronic and crystallographic aspects of Gadolinium-based BaSrGd ₄ O ₈ nanophosphor for NUV-stimulated WLEDs	Shalini Kaushik, Suman Devi , Mukesh Kumar, Hina Dalal, Anamika Srivastava, Sanjay Gaur, Manish Srivastava	Chemistry	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/article/10.1007/s10854-022-08815-4	https://link.springer.com/article/10.1007/s10854-022-08815-4	YES
18	Influence of Eu ³⁺ doping on crystallographic and photophysical aspects of combustion synthesized BaSr ₄ O ₈ nanophosphor for photoelectronic appliances	Suman Devi , Shalini Kaushik, Mukesh Kumar, Hina Dalal, Sanjay Gaur	Chemistry	J. Applied Physics	2021	0947-8396	https://doi.org/10.1007/s00339-021-05125-0	https://doi.org/10.1007/s00339-021-05125-0	YES
19	Characterization and structural properties of Fe ₂ O ₃ based bismuth and lead borate glass	Sanjay, Suman Devi, Shalini, N. Kishore, C. Gilhotra, and M. Yadav	Chemistry	American Institute of Physics (AIP)	2020	0094-243X	https://doi.org/10.1063/5.0002453	https://doi.org/10.1063/5.0002453	YES
20	Study of photoluminescence characteristics of K ₂ SO ₄ :xBa _{0.4} PO ₄ :xTb ³⁺ nanophosphor synthesized by glycine assisted combustion method,	Shalini, Suman Devi , Mukesh Kumar, and Manish Srivastava,	Chemistry	American Institute of Physics (AIP) Conf. Proc.	2019	1551-7616	https://doi.org/10.1063/1.5122544	https://doi.org/10.1063/1.5122544	YES
21	Sol-gel synthesis and photoluminescence characteristics of Sr _{1.7-x} B _{0.3} O ₄ : xTb ³⁺ Nanoparticles,	Suman Devi , Sudesh Kumar, and Shalini	Chemistry	American Institute of Physics (AIP) Conf. Proc.	2019	1551-7616	https://doi.org/10.1063/1.5122543	https://doi.org/10.1063/1.5122543	YES
22	Role of Fe ₂ O ₃ and MoO ₃ content on Optical Properties of Lead Borate Glasses	Sanjay, Shalini, Suman Devi , Sudesh Kumar, Mukesh Kumar, N. Kishore, Arindam Ghosh, Naveen Kumar	Chemistry	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122426	https://doi.org/10.1063/1.5122426	YES
23	Study of DC Conductivity of MoO ₃ based Bismuth Borate and Lead Borate Glasses	Sanjay, Suman Devi , Shalini, Sudesh Kumar, Mukesh Kumar, N. Kishore, Rajni, Arindam Ghosh, Vijender Singh	Chemistry	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122425	https://doi.org/10.1063/1.5122425	YES
24	Study of Boro-Tellurite Glasses Doped With Neodymium Oxide	Sanjay, N. Kishore, M.S. Sheoran, S. Devi	Chemistry	American Institute of Physics Conf. Proc.	2018	1551-7616	https://doi.org/10.1063/1.5032896	https://doi.org/10.1063/1.5032896	YES
25	Characterization and Optical Properties of MoO ₃ -PbO-B ₂ O ₃ Semiconducting Glasses	Sanjay, N.Kishore, A. Agarwal, S. Devi , I. Pal, S.Dahiya and R. Bala	Chemistry	American Institute of Physics Conf. Proc. 1942	2018		https://doi.org/10.1063/1.5029143	https://doi.org/10.1063/1.5029143	YES
26	Organic Farming: A Good Prospective For Sustainability	Dr. Hemlata Sharma , Dr. Seema Kumari	commerce	International Journal for Multidisciplinary Research (IJFMR)	2023	2582-2160	https://www.ijfmr.com/	https://www.ijfmr.com/	YES
27	GREEN PRODUCTS: VALUE FOR LIFE	Dr.Ravinder Kumar and Dr. Hemlata sharma	commerce	Journal of Management Research and Analysis (JMRA)	2019	2394-2770	http://jmraonline.com	http://jmraonline.com	YES
28	An Empirical study on consumer satisfaction in cooperative dairies of Punjab	Dr.Ravinder Kumar and Dr. Hemlata sharma	commerce	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	www.jetir.org	www.jetir.org	YES
29	A study of cashless system and cashless society: its advantages and disadvantages	Ravi Parmar	commerce	IJAR	2018	2249-555X	10.36106/ijar	10.36106/ijar	YES
30	A comparative study on measuring the operating efficiency of public sector non-life insurance companies of India,	Ravi Parmar	commerce	, CASIRJ	2018	2319 - 9202	https://doi.org/10.32804/CASIRJ	https://doi.org/10.32804/CASIRJ	YES
31	Cashless policy: As an instrument to control corruption	Ravi Parmar	commerce	IJRAR	2018	2348 –1269,	http://ijrar.com/upload_issue/ijrar_issue_1365.pdf	http://ijrar.com/upload_issue/ijrar_issue_1365.pdf	NO
32	The Study on Fundamental analysis through analyzing the financial performance of selected pharmaceutical and healthcare companies	Chaudhary, S., Vijay,P.	commerce	International Journal of Advanced Science and Technology	2020	2207-6360	http://sersc.org/journals/index.php/IJAST/article/view/33862	http://sersc.org/journals/index.php/IJAST/article/view/33862	YES
33	an empirical study on analysis the determinants of dividend pay-out ratio of indian pharmaceuticals industry	Chaudhary, S., Vijay,P.	commerce	Test Engineering and Management	2020	0193-4120	https://www.testmagazine.biz/index.php/testmagazine/article/view/14160	https://www.testmagazine.biz/index.php/testmagazine/article/view/14160	YES
34	HOME LOAN PERSPECTIVE OF CUSTOMERS IN BANKING SECTOR	Anju, Neelam Jain	commerce	<i>Sodhdisha</i>	2022	0975-735X			YES
35	ANALYTICAL STUDY ON CUSTOMER SATISFACTION TOWARDS HOME LOANS	Anju, Neelam Jain	commerce	<i>International Journal of Management IT & Engineering</i>	2019	2249-0558	http://www.ijmra.us ,	http://www.ijmra.us ,	YES

36	CUSTOMER SATISFICATION TOWARDS HOUSING LOAN IN BANKING SECTOR	Anju, Neelam Jain	commerce	International Journal of Management IT & Engineering	2018	2249-0558	http://www.ijmra.us	http://www.ijmra.us	YES
37	IMPACT ON HOUSE LAON ON THE IMPROVEMENT IN LENDING PRACTICES AMONG BANKS	Anju	commerce	International Research Journal of Commerce and Law	2018	2349-705X	http://ijmr.net.in	http://ijmr.net.in	YES
38	Historical Concept and roots of Sustainable Development	Dr. Ashok Kumar,	History	Natural Resources Sustainability and Geospatial Technology	2023	978-93-93402-55-4			
39	Britishkal Me Haryana Me Shiksha Ka Sawroop Evm Parivartan	Ashok Kumar	History	eding of the Haryana History Co	2021	978-93-5578-268-7			
40	Britishkalin Haryana me Samajik-Dharmik Sudhar Aandolan	Ashok Kumar, Dr. Satender	History	eding of the Haryana History Co	2021	2582-046X			
41	Britishkalin Haryana me Shekshanik Dasha Evm Parivartan	Ashok Kumar, Dr. Satender	History	Shodh Sarita	2021	2348-2397			YES
42	Britishkalin Haryana me Audhaugik Esthiti Evm Parivartan	Ashok Kumar, Dr. Satender	History	Shodh Sanchar Buletin	2021	2229-3620			
43	Partham VishvYudh ke Pashchat Haryana Me Samajik-Aarthik Privartan	Ashok Kumar, Dr. Satender	History	ShodhShree	2021	2227-5587			YES
44	Haryana ke Loksahitye me Varnit Shauryta : Etihashik Adhayan	Ashok Kumar, Dr. Satender	History	Swadeshi Research Foundation	2021	2394-3580			
45	Bharat- America Sambandh: Etihashik Pripekshye	Dr. Laxmi Shanker Yadav, Ashok Kumar	History	Bhartiye Videsh Niti Ke Nye Aayam	2020	978-81-947016-6-8			
46	Hariyanvi Lok-Sahitye me Rashtriye Chetana : Etihashik Pripekshye	Ashok Kumar	History	Hindi Bhakti Kavyadhara me Hariyana ka Yogdan	2020	978-81-743816-0-0			
47	Bharat Me Parvas ka Sawroop ka Karan: Etihashik Adhayan	Ashok Kumar	History	Parvasi Majdooron ki Samsaya evm Samadhan, Bhag-I	2020	978-93-89341-85-0			
48	Effect of Different Substrates on Growth Parameters of Zinnia spp	Pankaj Yadav and Savita	HORTICULTURE	JART	2022	2230-9705	https://doi.org/10.56228/JART.2022.SP102	https://doi.org/10.56228/JART.2022.SP102	YES
49	Recent Research on Therapeutic Properties of Lotus: A review	Savita, Sonu Kumari, Monika Yadav and B. S. Beniwal	HORTICULTURE	JART	2022	2230-9705	https://doi.org/10.56228/JART.2022.SP103	https://doi.org/10.56228/JART.2022.SP103	YES
50	Effect of Different Growing Conditions and Genotypes on Growth and Bulb Parameters of Asiatic Lily	Savita, Chahal, D., Malik, A. and Devi, S.	HORTICULTURE	Agricultural Science Digest	2021	0976-0547	10.18805/ag.D-5294.	10.18805/ag.D-5294.	YES
51	Effect of different genotypes and growing conditions on floral parameters of Asiatic lily	Savita, Chahal, D., Malik, A., & Devi, S.	HORTICULTURE	Ind. J. Pure App. Biosci	2020	0976-0547	http://dx.doi.org/10.18782/2582-2845.8430	http://dx.doi.org/10.18782/2582-2845.8430	YES
52	Moral Policing of Women's Clothing in the Workplace	KIRTI	ENGLISH	B.Aadhar	2022	2278-9308			NO
53	Need for Improvement in Listening Skills In ELT	KIRTI	ENGLISH	Rabindra Bharati Journal of Philosophy	2022	0973-0087			YES
54	Prevalence of Incestuous Adultery: An Examination of Haryanvi Cinema and Pop Culture	KIRTI	ENGLISH	Sambodhi	2021	2249-6661			YES
55	Prevalence of Adultery and Incest in India: An Examination of Indian Cinema	KIRTI	ENGLISH	Sambodhi	2020	2249-6661			YES
56	The Status of Women in India: Expectation v/s Reality	KIRTI	ENGLISH	Women Empowerment Pre and Post Covid-19 Era	2020	978-93-85756-97-9			NO
57	Green revolution and its impact on environment : a review	Dr. Surender Kumar and Manish kumar	Geography	International Journal of Applied Research	2021	2394-5869	http://www.allresearchjournal.com/	http://www.allresearchjournal.com/	
58	The political and economic significance of Indian ocean: an overview view	Dr. Surender Kumar and Manish kumar	Geography	International Journal of Applied Research	2021	2394-5869	http://www.allresearchjournal.com/	http://www.allresearchjournal.com/	
59	A study of Biodiversity and it's Conservation in India	Manish Kumar ,Sukhdev	Geography	JETIR	2019	2349-5162	http://www.jetir.org/view?paper=JETIR1904193	http://www.jetir.org/view?paper=JETIR1904193	YES
60	GREEN REVOLUTION: CHANGING VILLAGE LAND USE AND CROPPING PATTERNS	Mr. Manish Sharma	Geography	Airo International Research Journal	2018	2320-3714			YES
61	Evaluation of Ground Water Quality and Suitability for Irrigation in Nathusari Chopta block of Sirsa District	Vinod Kumar and Vipin Kumar	Geography	Indian Journal of Ecology	2021	0304-5250			

62	Analysis of Cropping System Using Geospatial Technology in Nathusari Chopta Block of Sirsa District (Haryana)	Vinod Kumar and Vipin Kumar	Geography	Research Journal of Agricultural Sciences	2020	0976-1675			
63	Spatial Analysis of Groundwater Fluctuation in Nathusari Chopta Block of Sirsa District (Haryana, India) using Geospatial Technology	Vinod Kumar and Vipin Kumar	Geography	Indian Journal of Ecology	2020	0304-5250			
64	Classification of Himalaya based on Pamir knot, Journal - Research review international Journal of	Mukhtyar Singh and Priyanka Rani	Geography	Research review international Journal of Multidisciplinary	2023	2455-3085	https://rrjournals.com/	https://rrjournals.com/	
65	Sustainability of Cultivated land and Underground water: A case study on south- east Hisar district village, (Haryana)	Mukhtyar Singh and Priyanka Rani	Geography	Journal of Emerging Technology and Innovative Research	2020	2349-5162	www.ijetir.org	www.ijetir.org	YES
66	Rural development is based on our positive thinking power: A case study on Hisar district village (Haryana)	Mukhtyar Singh and Priyanka Rani	Geography	Research review international journal of Multidisciplinary	2019	2455-3085	www.rrjournals.com	www.rrjournals.com	YES
67	Agriculture cropping pattern change due to Economics standard Reforms: A study on south-east Hisar district village , (Haryana)	Mukhtyar Singh and Priyanka Rani	Geography	Journal of Advances and Scholarly Research in Allied Education	2019	2230-7540	www.ignited.in	www.ignited.in	YES
68	Area estimation of paddy crop in haryana by different sensing platforms	Pankaj kumar	Geography	Journal Of Emerging Technologies And Innovative Research	2021	2349-5162	https://www.ijetir.org/papers/JETIR1903F19.pdf	https://www.ijetir.org/papers/JETIR1903F19.pdf	YES
69	First principles calculation of manganese based half heusler compounds	Lalit Mohan, Sukhender, Sudesh Kumar, Deepak Sharma, Ajay Singh Verma,	Physics	East Eur. J. Phys.	2020	2312-4539	https://doi.org/10.26565/2312-4334-2020-3-15	https://doi.org/10.26565/2312-4334-2020-3-15	YES
70	Structural, electronic, mechanical and thermal properties of CoVZ (Z= Si, Ge, Sn, Pb) half-Heusler compounds	Lalit Mohan, Sukhender, Ajay Singh Verma	Physics	East Eur. J. Phys.	2020	2312-4539	https://doi.org/10.26565/2312-4334-2020-4-06	https://doi.org/10.26565/2312-4334-2020-4-06	YES
71	Electronic, optical, elastic and magnetic properties of Co ₂ VZ (Z= As, B, In, Sb) Heusler compounds	Sukhender, Lalit Mohan, Ajay Singh Verma,	Physics	East Eur. J. Phys.	2020	2312-4539	https://doi.org/10.26565/2312-4334-2020-4-07	https://doi.org/10.26565/2312-4334-2020-4-07	YES
72	A brief review on effect of grain size on solar energy conversion efficiency of chemically grown Bi ₂ S ₃ thin films	Poonam, Kiran, Arindam Ghosh, Sanjay, V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122580	https://doi.org/10.1063/1.5122580	YES
73	Measurements of Third-Order Optical Nonlinearity using Z-Scan Technique	Vijender Singh, Poonam R. Kharangarh, Parveen Kumar, Davender Singh, Sanjay, Arindam Ghosh and Sanjay Kumar	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122548	https://doi.org/10.1063/1.5122548	YES
74	Structural and optical properties of chemically grown Zinc oxide thin film	Pooja, Krishna, Jyoti Gupta, Arindam Ghosh, Sanjay, V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122547	https://doi.org/10.1063/1.5122547	YES
75	Effect of crystal structure of chemically grown Zinc Oxide thin film on optical properties	Pooja Rana, Jyoti Gaur, Arindam Ghosh, Sanjay, V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122444	https://doi.org/10.1063/1.5122444	YES
76	On the Structural And Magnetic Investigati on Of CoF ₂ O ₄ / SrFe ₁₂ O ₁₉ Nanocomposite via One Pot Synthesis	S. Raghuvanshi, R. Verma, P. Tiwari, A. Ghosh; F. Mazaleyrat; S. N. Kane	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	1551-7616	https://doi.org/10.1063/1.5122402	https://doi.org/10.1063/1.5122402	YES
77	Role of Fe ₂ O ₃ and MoO ₃ content on Optical Properties of Lead Borate Glasses	Sanjay, Shalini, Suman Devi, Sudesh Kumar, Mukesh Kumar, N. Kishore, Arindam Ghosh, Naveen Kumar	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122426	https://doi.org/10.1063/1.5122426	YES
78	Study of DC Conductivity of MoO ₃ based Bismuth Borate and Lead Borate Glasses	Sanjay, Suman Devi, Shalini, Sudesh Kumar, Mukesh Kumar, N. Kishore, Rajni, Arindam Ghosh, Vijender Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122425	https://doi.org/10.1063/1.5122425	YES
79	Electrical characterization and dielectric behavior of PbO-Bi ₂ O ₃ -Ga ₂ O ₃ glasses	R. Bala, A. Agarwal, S. Sanghi and Sanjay	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122424	https://doi.org/10.1063/1.5122424	YES
80	Effect of Annealing on the Structural and Opto-electrical Properties of As-grown ZnO Thin Films by Successive Ionic Layer Adsorption and Reaction (SILAR) Technique	Kiran, Poonam, Arindam Ghosh, Sanjay, Vijender Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122337	https://doi.org/10.1063/1.5122337	YES
81	Single Reaction Mixture Synthesis And Characterization of CoF ₂ O ₄ - BaFe ₁₂ O ₁₉ Nanocomposite	S. Raghuvanshi, R. Verma, P. Tiwari, A. Ghosh; F. Mazaleyrat; S. N. Kane	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	1551-7616	https://doi.org/10.1063/1.5122423	https://doi.org/10.1063/1.5122423	YES
82	Electrical conduction and dielectric relaxation in bismuth modified lithium lead borate Glasses	Sumit Chauhan, Rajni Bala, Divya Yadav, Deepesh Sharma, Sanjay Gaur, Saroj Rani	Physics	Journal of electronic Materials	2023	0361-5235	https://doi.org/10.1007/s11664-023-10753-8	https://doi.org/10.1007/s11664-023-10753-8	YES

83	A study of virescent emission from Er ³⁺ activated ternary gadolinium-based nanophosphor system applicable for current pc-WLEDs and solid-state lightings	Suman Devia, Shalini Kaushik, Hina Dalal, Mukesh Kumar, Sanjay Gaur, Sudesh Kumar	Physics	Indian Journal of Physics	2023	0973-1458	https://doi.org/10.1007/s12648-023-02854-1	https://doi.org/10.1007/s12648-023-02854-1	YES
84	Study of AC conductivity and dielectric relaxation in Bi ₂ O ₃ modified lithium lead silicate glasses	Sumit Chauhan, Rajni Bala, Sanjay Gaur , Deepeesh Sharma, Saroj Rani, Rishi Pal	Physics	Journal of Applied Physics A	2023	0947-8396	https://doi.org/10.1007/s00339-023-06805-9	https://doi.org/10.1007/s00339-023-06805-9	YES
85	Achieving bright green emission in Tb ³⁺ doped ternary yttrate-based nocrystalline powder for solid-state illumination applications	Suman Devi, Shalini Kaushik, Mukesh Kumar, Hina Dalal, Sanjay Gaur , Sudesh Kumar,	Physics	Journal of Materials Science and Engineering B	2023	0921-5107	https://doi.org/10.1016/j.mseb.2023.116273	https://doi.org/10.1016/j.mseb.2023.116273	YES
86	Hot carrier effects on Brillouin amplification in AlIBV and AlIBVI semiconductors	Renu, Sanjay and Manjeet Singh	Physics	Journal of Modern Optics	2022	0950-0340	https://doi.org/10.1080/09500340.2022.2028916	https://doi.org/10.1080/09500340.2022.2028916	YES
87	Investigation of third-order nonlinear optical parameters and optical limiting behavior of PbO-Bi ₂ O ₃ -Ga ₂ O ₃ glasses	Rajni Bala, Ashish Agarwal, Sujata Sanghi, Sanjay Gaur ; Saroj Rani,	Physics	Journal of Applied Physics A	2022	0947-8396	https://doi.org/10.1007/s00339-022-06169-6	https://doi.org/10.1007/s00339-022-06169-6	YES
88	Effect of Bi ₂ O ₃ on structural and optical properties of Li ₂ O•PbO•Bi ₂ O ₃ •B ₂ O ₃ glasses	Sumit Chauhan; Rajni Bala; Sanjay Gaur ; Saroj Rani	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://doi.org/10.1007/s10854-022-09050-7	https://doi.org/10.1007/s10854-022-09050-7	YES
89	Investigation of Structural and Optical Properties of Lithium Lead Bismuth Silicate Glasses	Sumit Chauhan, Rajni Bala, Saroj Rani, Sanjay Gaur	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://doi.org/10.1007/s10854-022-08194-w	https://doi.org/10.1007/s10854-022-08194-w	YES
90	Influence of Tb ³⁺ doping on optoelectronic and crystallographic aspects of Gadolinium- based BaSrGd ₄ O ₈ nanophosphor for NUV-stimulated WLEDs	Shalini Kaushik, Suman Devi, Mukesh Kumar, Hina Dalal, Anamika Srivastava, Sanjay Gaur , Manish Srivastava	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://doi.org/10.1007/s10854-022-08815-4	https://doi.org/10.1007/s10854-022-08815-4	YES
91	Influence of Eu ³⁺ doping on crystallographic and photophysical aspects of combustio synthesized BaSrY ₄ O ₈ nanophosphor for photoelectronic appliances	Suman Devi, Shalini Kaushik, Mukesh Kumar, Hina Dalal, Sanjay Gaur, Sudesh Kumar	Physics	Journal of Applied Physics A	2021	0947-8396	https://doi.org/10.1007/s00339-021-05125-0	https://doi.org/10.1007/s00339-021-05125-0	YES
92	Hot carrier effects on Brillouin gain coefficients of magnetoactive doped semiconductors	Renu, Sanjay , Manjeet Singh	Physics	Journal of Optics	2021	0972-8821	https://doi.org/10.1007/s12596-021-00780-1	https://doi.org/10.1007/s12596-021-00780-1	YES
93	Use of Nanotechnology in COVID-19	Chandan Gilhotra, Nitika Choudhary, Sanjay	Physics	International Research Journal of Humanities and Interdisciplinary Studies (IRJHIS)	2021	2582-8568	https://irjhis.com/review.aspx?paper=IRJHIS2109010	https://irjhis.com/review.aspx?paper=IRJHIS2109010	
94	Paramagnetic oscillation of acoustical phonon mode in magnetized doped III-V semiconductors	Manjeet Singh, Mahender Singh, Anita Sangwan, Sanjay	Physics	Journal of Optics	2021	0972-8821	https://doi.org/10.1007/s12596-021-00683-1	https://doi.org/10.1007/s12596-021-00683-1	YES
95	Theoretical aspects of superconducting materials as its characteristics and applications in physics	Chandan Gilhotra, and Sanjay	Physics	American Institute of Physics (AIP) Conf. Proc.	2020	0094-243X	https://doi.org/10.1063/5.0002275	https://doi.org/10.1063/5.0002275	YES
96	Comparative study on various types of optical cables with reference to their wavelength-division multiplexing, bandwidth and record speed: A review	Meena Rani, and Sanjay	Physics	American Institute of Physics (AIP) Conf. Proc.	2020	0094-243X	https://doi.org/10.1063/5.0002462	https://doi.org/10.1063/5.0002462	YES
97	Characterization of polyaniline doped with CuSO ₄ .5H ₂ O using x-ray diffraction	Chandan Gilhotra, and Sanjay	Physics	American Institute of Physics (AIP) Conf. Proc.	2020	0094-243X	https://doi.org/10.1063/5.0002278	https://doi.org/10.1063/5.0002278	YES
98	Characterization and structural properties of Fe ₂ O ₃ based bismuth and lead borate glasses	Sanjay , Suman Devi, Shalini, N. Kishore, C. Gilhotra, and M. Yadav	Physics	American Institute of Physics (AIP) Conf. Proc.	2020	0094-243X	https://doi.org/10.1063/5.0002453	https://doi.org/10.1063/5.0002453	YES
99	Theoretical Aspect of Qubits, its types and applications in Physics	Chandan Gilhotra, and Sanjay	Physics	Renewable Research Journal (Rex Journal)	2019	2321-1067			
100	A Review: Conducting Polyaniline Polymer	C. Gilhotra, M. Chander and S. Gaur	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122557	https://doi.org/10.1063/1.5122557	YES

101	Analytical Study on Any gate logic function as a pull-up network of pMOS transistors and a pull-down network of nMOS transistors	Mintu Yadav, Sanjay , Navin Kumar	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122363	https://doi.org/10.1063/1.5122363	YES
102	A brief review on effect of grain size on solar energy conversion efficiency of chemically grown Bi2S3 thin films	Poonam, Kiran, Arindam Ghosh, Sanjay , V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122580	https://doi.org/10.1063/1.5122580	YES
103	Measurements of Third-Order Optical Nonlinearity using Z-Scan Technique	Vijender Singh, Poonam R. Kharangarh, Parveen Kumar, Davender Singh, Sanjay , Arindam Ghosh and Sanjay Kumar	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122548	https://doi.org/10.1063/1.5122548	YES
104	Structural and optical properties of chemically grown Zinc oxide thin film	Pooja, Krishma, Jyoti Gupta, Arindam Ghosh, Sanjay , V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122547	https://doi.org/10.1063/1.5122547	YES
105	Effect of crystal structure of chemically grown Zinc Oxide thin film on optical properties	Pooja Rana, Jyoti Gaur, Arindam Ghosh, Sanjay , V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122444	https://doi.org/10.1063/1.5122444	YES
106	Doped Na2O.Bi2O3.B2O3 Glass as Neutral Density Filter	Meena Rani, Ajay Shankar, Sanjay	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122427	https://doi.org/10.1063/1.5122427	YES
107	Role of Fe2O3 and MoO3 content on Optical Properties of Lead Borate Glasses	Sanjay , Shalini, Suman Devi, Sudesh Kumar, Mukesh Kumar, N. Kishore, Arindam Ghosh, Naveen Kumar	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122426	https://doi.org/10.1063/1.5122426	YES
108	Study of DC Conductivity of MoO3 based Bismuth Borate and Lead Borate Glasses	Sanjay , Suman Devi, Shalini, Sudesh Kumar, Mukesh Kumar, N. Kishore, Rajni, Arindam Ghosh, Vijender Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122425	https://doi.org/10.1063/1.5122425	YES
109	Electrical characterization and dielectric behavior of PbO-Bi2O3-Ga2O3 glasses	R. Bala, A. Agarwal, S. Sanghi and Sanjay	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122424	https://doi.org/10.1063/1.5122424	YES
110	Effect of Annealing on the Structural and Opto-electrical Properties of As-grown ZnO Thin Films by Successive Ionic Layer Adsorption and Reaction (SILAR) Technique	Kiran, Poonam, Arindam Ghosh, Sanjay , Vijender Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122337	https://doi.org/10.1063/1.5122337	YES
111	Study of third order nonlinearity of chalcogenide thin films using third harmonic generation measurements	Sunita Rani, Devendra Mohan, Manish Kumar, Sanjay	Physics	J.Optical Materials	2018	0925-3467	https://doi.org/10.1016/j.optmat.2018.03.046	https://doi.org/10.1016/j.optmat.2018.03.046	YES
112	Characterization and Optical Properties of MoO3-PbO-B2O3 Semiconducting Glasses	Sanjay, N.Kishore, A. Agarwal, S.Devi, I. Pal, S.Dahiya and R. Bala	Physics	American Institute of Physics (AIP) Conf. Proc.	2018	0094-243X	https://doi.org/10.1063/1.5029143	https://doi.org/10.1063/1.5029143	YES
113	Study of Boro-Tellurite Glasses Doped With Neodymium Oxide	Sanjay , N. Kishore, M.S. Sheoran, S. Devi	Physics	American Institute of Physics (AIP) Conf. Proc.	2018	0094-243X	https://doi.org/10.1063/1.5032896	https://doi.org/10.1063/1.5032896	YES
114	A study of Algorithm and Superconducting Charge Qubit Hamiltonian	Chandan Gilhotra, Nitika Choudhary and Sanjay	Physics	Spark	2018	2277-4866			
115	Theoretical study of physical properties of Co2VZ (Z= Si, Ge) and CoVZ (Z= Si, Ge) compounds using first principle method,	Pardeep Kumar Jangra, Sitender Singh, Sukhender	Physics	Eur. Chem. Bull	2023	2063-5346	https://doi.org/10.53555/ecb/2023.12.Si13.2272023.06/12/2023	https://doi.org/10.53555/ecb/2023.12.Si13.2272023.06/12/2023	YES
116	Structural, electronic, optical, mechanical and magnetic properties of Co2CrZ (Z = As, B, Ga, Pb) full-Heusler compounds	P. Singh, S. Mahla, M. G. Chaudhary, R. Agrawal, C. Singh, A. S. Verma	Physics	J. Ovonic. Res.	2023	2312-4539	https://doi.org/10.15251/JOR.2023.194.387	https://doi.org/10.15251/JOR.2023.194.387	YES
117	Theoretical investigation of fundamental physical properties of full-Heusler Co2VZ (Z= Al, Bi, Ga, Ge) compounds,	S. Mahla, R. Agrawal, S. Kumar, P. Singh, M. Lal, S. Singh, A. S. Verma,	Physics	Chalcogenide Lett.	2023		https://doi.org/10.15251/CL.2023.207.535	https://doi.org/10.15251/CL.2023.207.535	YES
118	Fundamental physical properties of LiInS2 and LiInSe2 chalcopyrite structured solids,	Jyoti Kumari, Shalini Tomar, Sukhendra , Banwari Lal Choudhary, Upasana Rani, Ajay Singh Verma,	Physics	East Eur. J. Phys	2021	2312-4539	https://doi.org/10.26565/2312-4334-2021-3-09	https://doi.org/10.26565/2312-4334-2021-3-09	YES
119	Structural, electronic, optical and magnetic properties of Co2CrZ (Z= Al, Bi, Ge, Si) Heusler compounds	Sukhender , Lalit Mohan, Sudesh Kumar, Deepak Sharma, Ajay Singh Verma	Physics	East Eur. J. Phys.	2020	2312-4539	https://doi.org/10.26565/2312-4334-2020-2-05	https://doi.org/10.26565/2312-4334-2020-2-05	YES
120	Ductile and metallic nature of Co2VZ (Z= Pb, Si, Sn) Heusler compounds: a first principles study	Sukhender , Pravesh Pravesh, Lalit Mohan, Ajay Singh Verma,	Physics	East Eur. J. Phys	2020	2312-4539	https://doi.org/10.26565/2312-4334-2020-3-13	https://doi.org/10.26565/2312-4334-2020-3-13	YES
121	First principles calculations for electronic, optical and magnetic properties of full heusler compounds	Sukhender , Pravesh Pravesh, Lalit Mohan, Ajay Singh Verma,	Physics	East Eur. J. Phys.	2020	2312-4539	https://doi.org/10.26565/2312-4334-2020-3-14	https://doi.org/10.26565/2312-4334-2020-3-14	YES
122	Electronic, optical, elastic and magnetic properties of Co2VZ (Z= As, B, In, Sb) Heusler compounds	Sukhender , Lalit Mohan, Ajay Singh Verma,	Physics	East Eur. J. Phys.	2020	2312-4539	https://doi.org/10.26565/2312-4334-2020-4-07	https://doi.org/10.26565/2312-4334-2020-4-07	YES
123	First principles calculation of manganese based half heusler compounds	Lalit Mohan, Sukhender , Sudesh Kumar, Deepak Sharma, Ajay Singh Verma,	Physics	East Eur. J. Phys.	2020	2312-4539	https://doi.org/10.26565/2312-4334-2020-3-15	https://doi.org/10.26565/2312-4334-2020-3-15	YES

124	Structural, electronic, mechanical and thermal properties of CoVZ (Z= Si, Ge, Sn, Pb) half-Heusler compounds	Lalit Mohan, Sukhender , Ajay Singh Verma	Physics	East Eur. J. Phys.	2020	<u>2312-4539</u>	https://doi.org/10.26565/2312-4334-2020-4-06	https://doi.org/10.26565/2312-4334-2020-4-06	YES
125	A brief review on effect of grain size on solar energy conversion efficiency of chemically grown Bi ₂ S ₃ thin films	Poonam , Kiran, Arindam Ghosh, Sanjay, and V. Singh	Physics	AIP Conference Proceedings	2019	0094-243X	https://doi.org/10.1063/1.5122580	https://doi.org/10.1063/1.5122580	YES
126	Effect of annealing on the structural and optoelectrical properties of as-grown ZnO thin films by successive ionic layer adsorption and reaction (SILAR) technique	Kiran, Poonam , Arindam Ghosh, Sanjay, and Vijender Singh	Physics	AIP Conference Proceedings	2019	0094-243X	https://doi.org/10.1063/1.5122337	https://doi.org/10.1063/1.5122337	YES
127	A brief review on effect of grain size on solar energy conversion efficiency of chemically grown Bi ₂ S ₃ thin films	Poonam, Kiran, Arindam Ghosh, Sanjay, V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122580	https://doi.org/10.1063/1.5122580	YES
128	Measurements of Third-Order Optical Nonlinearity using Z-Scan Technique	Vijender Singh , Poonam R. Kharangarh, Parveen Kumar, Davender Singh, <i>Sanjay</i> , Arindam Ghosh and Sanjay Kumar	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122548	https://doi.org/10.1063/1.5122548	YES
129	Structural and optical properties of chemically grown Zinc oxide thin film	Pooja, Krishna, Jyoti Gupta, Arindam Ghosh, <i>Sanjay</i> , V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122547	https://doi.org/10.1063/1.5122547	YES
130	Effect of crystal structure of chemically grown Zinc Oxide thin film on optical properties	Pooja Rana, Jyoti Gaur, Arindam Ghosh, Sanjay, V. Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122444	https://doi.org/10.1063/1.5122444	YES
131	Effect of Annealing on the Structural and Optoelectrical Properties of As-grown ZnO Thin Films by Successive Ionic Layer Adsorption and Reaction (SILAR) Technique	Kiran, Poonam, Arindam Ghosh, Sanjay, Vijender Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122337	https://doi.org/10.1063/1.5122337	YES
132	Study of DC Conductivity of MoO ₃ based Bismuth Borate and Lead Borate Glasses	<i>Sanjay</i> , Suman Devi, Shalini, Sudesh Kumar, Mukesh Kumar, N. Kishore, Rajni, Arindam Ghosh, Vijender Singh	Physics	American Institute of Physics (AIP) Conf. Proc.	2019	0094-243X	https://doi.org/10.1063/1.5122425	https://doi.org/10.1063/1.5122425	YES
133	RELATIONSHIP OF PARENTAL AND PEER ATTACHMENT WITH COPING STYLE AND ACADEMIC ACHIEVEMENT OF ADOLESCENTS	Upender Prasad, Dr. Shailja Sharma	Psychology	Prachi journal of Psycho-cultural dimensions,	2020	0971-7064			NO