

2018-19

<u>Research Publications</u>				
Sr. No	Department	No. of Publications	National/ International	Impact Factor
1	Physics	4	International	7.119
2	Chemistry	1	International	----
3	Economics	1	International	3.426
4	Geography	2+1	International	2.821, 3.426
5	Commerce	1	International	-----

2019-20

<u>Research Publications</u>					
Sr. No	Department	No. of Publications	National	International	Impact Factor
1	Chemistry	5	3	3	.567, 0.11, 0.11
2	Commerce	1	1	-----	-----
3	Computer Sc.	2	1	1	3.7
4	Economics	1	-----	1	3.74
5	Geography	3	-----	3	2.81, 3.74
6	Political Sc.	1	1	-----	-----
7	Physics	4	-----	4	6.3
8	Maths	1	-----	1	-----
9	Hindi	6	6	-----	-----

2020-21

Number of papers published per teacher in the Journals notified on UGC website during the year							
Sr.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	New Ba ₂ Y ₂ O ₇ : Dy ³⁺ nanomaterial for WLEDs propellant combustion synthesis and photometric features for enhanced emission of cool-white light under NUV	Dr. Mukesh	Chemistry		2021	92614	EL SEVER online
2	Near unity green emission with radiative and non radiative itemization into Novel energy efficient Sr ₆ Al ₄ Y ₂ O ₁₅ Er ³⁺ ranomaterials for WLEDs	Dr. Mukesh	Chemistry		2021	92614	EL SEVER online
3	Crystal structure and optical analysis of new raddish orange Sm ³⁺ doped BaGd ₂ ZnO ₅ nano-crystalline material for multifunction appications.	Dr. Mukesh	Chemistry		2021	92614	EL SEVER online
4	Facile combustion Fabrication and optical investigation of novel Er ³⁺ activated BaSr ₄ O ₈ green emitter for solid state lighting application.	Dr. Mukesh	Chemistry		2021	304026	EL SEVER online
5	Crystal structure engineering and optical analysis of Novel greenish Sr ₉ Al ₆ O ₁₈ Er ³⁺ nanomaterials for NUV excitable cool white LED application.	Dr. Mukesh	Chemistry		2021	00235408	EL SEVER online
6	Structural spectroscopic and optical analysis of green glowing BalaAlO ₄ :Er ³⁺ nanomaterials for photonic application.	Dr. Mukesh	Chemistry		2021	92614	EL SEVER online
7	Creative Accounting Ananalytical study	Savita Ranga	commerce		Jan-Mar 2021	0975-4520	UGC and list

8	The Economic Benifit of Green Agriculture A ravie	Savita Ranga	commerce		2020-2021	0025-0422	Offline
9	Analyzing the relationship between Nifty Bank and STATE Bank of india with special refrence to Price.	Savita Ranga	commerce		Jun-21	0022-3301	Offline
10	Property and succession;An overview	Deepali Arya	Commerce		2021	2227-517x	Online
11	Structral,dielectric & magnatic characteristics of unsubstituted B10.8 NO12FeO3 multi ferroics.	Dr.Manisha	Physics		2021	1432-0630	Online
12	Women and legel system in Tendulkar plays.	Ravikant	English		Dec-20	2348-2397	Offline
13	Gharsi rant kantnal A Progody of Personal Ambition	Ravikant	English		Jan-21	0976-2132	Offline
14	Influence of Electronic and structural Transformation pressure in the earth chalcogendes	Sangita Gupta	Physics		Jun-20	2554-1818	Online
15	□□□□ □□□□□□□□ □□ □□ □□□□□□□□ □□ □□□□□	Dr.Rajal Gupta	Hindi		Jul-21	2395-7115	Offline
16	Impact of corona Pandemic on Rural economy A special refrence of Haryana state.	Dr. Vineet Bala	Geography		Jan-Mar 2021	2348-2397	UGC listed
17	Urban development of social era during the lockdown due to covid 19 in india A case study of Rohtak.	Dr. Vineet Bala	Geography		July-Sep 2020	2231-5837	not UGC listed
18	Impact of corona Pandemic of Rural economy A special refrence of Haryana.	Dr.Pinki Yadav	Geography		Jan to Mar 2021	2348-2397	UGC LISTED

2021-22

Details of research papers per teacher in CARE Journals notified on UGC website during the year

Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	Link to the notification in UGC enlistment of the Journal
Sandhaya Jangra · Sujata Sanghi · Ashish Agarwal · Satish Khasa · Manisha Rangi	Physics	Structural, dielectric and magnetic characteristics of Mn substituted Bi _{0.80} Nd _{0.20} FeO ₃ multiferroics	Applied Physics A	Sep,2021	1432-0630	
Mukesh Kumar	Chemistry	Influence of Tb ³⁺ doping on optoelectronic and crystallographic aspects of gadolinium-based BaSrGd ₄ O ₈ nanophosphor for NUV-stimulated WLEDs	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	Sep, 2022		DOI10.1007/s10854-022-08815-4
Mukesh Kumar	Chemistry	Crystallographic and photophysical aspects of combustion derived novel Dy³⁺-activated BaSrGd₄O₈ nanophosphor for advanced solid-state lighting applications	Journal of Materials Science: Materials in Electronics	June, 2022		DOI10.1007/s10854-022-08307-5
Mukesh Kumar	Chemistry	Fabrication and photoluminescent features of cool-white light emanating Dy ³⁺ doped Ba ₅ Zn ₄ Gd ₈ O ₂₁ nanophosphors for near UV-excited pc-WLEDs	Chemical Physics Impact	June, 2022		https://doi.org/10.1016/j.chphi.2022.100063

Mukesh Kumar	Chemistry	Structural and optical conduct of cool white-light emanating BaGd ₂ ZnO ₅ : Dy ³⁺ nanocrystals for white LEDs	Optik	Jan, 2022		https://doi.org/10.1016/j.ijleo.2022.168772
Mukesh Kumar	Chemistry	Crystallographic and optical features of combustion fabricated green-emitting BaY ₂ Zn ₃ AlO ₇ : Tb ³⁺ nanophosphor for advanced lighting applications	Applied Physics A	March,2022		https://doi.org/10.1007/s00339-022-05321-6
Mukesh Kumar	Chemistry	Photoluminescent characterization of trivalent samarium activated aluminates based nano-crystals for advanced photonic applications	Spectroscopy Letters	Feb, 2022		https://doi.org/10.1080/00387010.2021.2020846
Mukesh Kumar	Chemistry	Influence of Eu ³⁺ doping on crystallographic and photophysical aspects of combustion synthesized BaSr ₄ O ₈ nanophosphor for photoelectronic appliances	Applied Physics A	Jan, 2022		https://doi.org/10.1007/s00339-021-05125-0
Mukesh Kumar	Chemistry	Optical, crystallographic and Judd–Ofelt analysis of europium doped Sr ₆ Y ₂ Al ₄ O ₁₅ nanocrystals for NUV-WLED fabrication	Journal of Materials Science: Materials in Electronics	Jan, 2022	I	https://doi.org/10.1007/s10854-021-07347-7
Mukesh Kumar	Chemistry	Crystal structure and optical analysis of new reddish-orange Sm ³⁺ doped BaGd ₂ ZnO ₅ nano-crystalline materials for multifunctional applications	Materials Research Bulletin	Jan, 2022		https://doi.org/10.1016/j.materresbull.2021.111522

Mukesh Kumar	Chemistry	Near unity green emission with radiative and non-radiative itemization into novel energy-efficient Sr6Al4Y2O15: Er3+ nanomaterials for WLEDs	Chemical Physics Letters	Oct, 2021	https://doi.org/10.1016/j.cplett.2021.139013
Mukesh Kumar	Chemistry	New Ba2YAlO5: Dy3+ nanomaterials for WLEDs: Propellant combustion synthesis and photometric features for enhanced emission of cool-white light under NUV excitation	Chemical Physics Letters	Oct, 2021	https://doi.org/10.1016/j.cplett.2021.138985
Mukesh Kumar	Chemistry	Facile combustion fabrication and optical investigation of novel Er3+-activated BaSrY4O8 green emitter for solid state lighting applications	Optik	Jan, 2021	https://doi.org/10.1016/j.ijleo.2021.167041

2022-23

Number of research papers per teachers in the Journals notified on UGC website during the year

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Kidney Stone Disease: A Primer	Dr. Monika Gupta	Chemistry	Bulletion of Enviornment pharmacology and life sciences	2023	2277-1808	https://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=2277-1808
.....	Dr. Rajal Gupta	Hindi UGC-Care listed	2023	0975-735X
.....	Dr. Rajal Gupta	Hindi	2022- 295-6-1	2582-0907	GUJHIN/2017/70792
Fundamental of Atomic and Molecular Spectroscopy in Instrumental Analysis	Dr. Sangita Gupta	Physics	International Journal of Engineering ,Science and Mathematics	03 March 2023,	ISSN:2320-0294	www.ijesm.co.in
Introduction To Infrared Spectroscopy	Dr. Sangita Gupta	Physics	International Research Journal of Natural and Applied Sciences	11, Nov 2022,	ISSN: 2349-4077	www.aarf.asia
Application of Quantum Computing	Dr. Sangita Gupta	Physics	International Journal of Advanced Research in	Issue:7 July 2022	ISSN:2278-6252	

			Engineering and Applied sciences			
Advancing Mass Spectrometry Exploring Ionization Techniques	Dr. Sangita Gupta	Physics	Zenith International Journal of Multidisciplinary Research	7-Jul-22	ISSN: 2231-5780	www.zenithresearch.org.in