

Department of Applied Sciences (1st Shift)
Journal Publications (Since 2017)

Sr. No.	Faculty Name	Title	Journal	ISSN/ISBN	Year
1.	Dr. Man Singh Beniwal	Approximation of Durrmeyer type operators depending on certain parameters	Abstract and Applied analysis	1687-0409	2017
		Direct estimates for a certain form of Srivastava-Gupta operator	Boletin de la Sociedad Mathematica Mexicana	1405-213X	2018
2.	Dr. Ajay Kr. Singh	Atomic structure calculations of He and Lilike Ti ions for interpriting astrophysical spectra	Journal of Physics: Conference series	1742-6596	2017
		Structural and luminescent characterization of uraniferous fluorapatite and haematite associated with phosphatic rocks of Bijawar group in Sagar district, Madhya Pradesh (India)	Journal of Earth System Science	0253-4126	2018
		Calculations of Atomic Parameters of highly charged Fe ions for Interpreting Astrophysical Spectra	International Journal of Advance Research and Innovation	2347-3258	2017
3.	Dr. Brijpal Singh	Correlation of inclusion characterstics and microstructure with mechanical properties in low carbon steel weldments.	Journal of metallurgy and material science	0974-1267	2018
4.	Dr. Ajay Gahlot	Resonant Decay of a Langmuir wave in the presence of dust grains in a cylindrical plasma	Contributions to Plasma Physics	1521-3986	2018
		Theoretical Modelling of Modulational Instability of a Lower Hybrid Wave in a Complex Plasma	Progress In Electromagnetics Research	1070-4698	2017
5.	Dr. Sheela Malik	Synthesis and characterization of polycrystalline Ba ₅ CaTi _{2-x} MxNb ₈ O ₃₀ (M=Cu) tungsten bronze electro ceramics	Ferroelectrics	0015-193	2017
		Interdependence between electrical and magnetic properties of polycrystalline cobaltsubstituted	Journal of Advanced Dielectrics	2010-135X	2018
		Study of Structural and Dielectrical Properties	Materials Sciences and	2153-117X	2018

		of Lead Free Polycrystalline Electro Ceramics Ba ₅ CaTi ₂ Nb ₈ O ₃₀ (BCTN) for Microwave Tunable Device Applications	Applications,		
		Impact of copper substitution on the structural, ferroelectric and magnetic properties of tungsten bronze ceramics	Physica B: Condensed Matter	0921-4526	2018
		Review on dielectric study of polycrystalline rare earth substituted Tungsten Bronze electroceramics for high temperature applications	International Journal of ChemTech Research	0974-4290,	2017
6.	Dr. Jindagi Kumari	The "Deluge of Development" in C.L. Kothari: Representation of the Anthropocene in Indian English Poetry	Dialogue: A Journal Devoted to Litrary Appreciation	0974-5556	2017
7.	Dr. Pooja Singh	Hypergeometric Functions on Cumulative Distribution Function	Asian Research Journal of Mathematics	ISSN: 2456-477X	2019
8.	Mr. Sachin Dhull	Experimental Investigation and Preparation of Electromagnets and Their Effect on Surface Roughness in Abrasive Flow Machining Process	International Journal of Latest Engineering and Management Research	ISSN: 2455-4847	2018
		Development of Different Polymer Media and Experimental Investigation of Abrasive Flow Machining Process	International Journal of Engineering Research and Technology	ISSN: 0974-3154	2018
		Experimental Determination of Compressive, Split Tensile and Flexural Strength of HFRC using Steel and Polypropylene Fibres in Different Proportions	Journal of Engineering Research and Application	ISSN: 2248-9622	2018
		Experimental Investigation of Abrasive Flow Machining Process Alongwith Fuzzy Logic and Grey Relational Analysis	International Journal of Latest Engineering and Management Research	ISSN: 2455-4847	2019
		Modeling and Simulation of AFM Experimentation of Brass Workpiece Using Different Media	International Journal of Latest Engineering and Management Research	ISSN: 2455-4847	2019

Department of Applied Sciences (1st Shift)
Conferences Publications (Since 2017)

Sr. No.	Faculty Name	Title	Conference Name	Year
1.	Dr. Ajay Kr. Singh	Atomic structure calculations of highly charged W-ions for ITER plasma diagnostic studies	International Conference on Sci. & Tech.: Trends and Challenges (ICSTTS-2018), Ludhiana	Feb., 2018
		The role of dust grains on modulational instability of a lower hybrid wave in magnetized plasma	1 st International Conference on New Frontiers in Engineering, Science and Technology, New Delhi	Jan., 2018
		The effect of dust charge fluctuations on modulation instability of a lower hybrid wave in a complex plasma	International conference on Advances in Applied Sciences, Engineering and Technology, K.R. Manglam Univ., Gurugram	Aug. 2017
2.	Dr. Sheela Devi Malik	Effect on structural and magnetic properties of Sm doping in BiFeO ₃ nanoparticles	International Conference on Science and Engineering of Materials, Sharda University.	July, 2019
3.	Dr. Rakesh Kumar	Physico-Chemical Analysis of Groundwater Quality of Bahadurgarh City, Haryana, India	2nd International Conference on Sustainable Technologies for Environmental Management (STEM-2018), Department of Environment Engineering, DTU, Delhi	March, 2019
		Analysis of Toxic Elements in the Underground water of Bahadurgarh City, Haryana, India	2nd International Conference on Innovations in Chemical, Biological & Environmental Sciences, Arya PG College Panipat, Haryana	Feb., 2019
		Generation of fuel from waste of domestic plastics	National Conference on Beating The Plastic Hazard: Challenges and Strategies, DTU, Delhi	June, 2018
		Plastic waste management using sustainable technologies	International Conference on Sustainable Technologies for Environmental Management (STEM-2018), Department of Environment Engineering, DTU, Delhi	March, 2018

		Fabrication of conducting copolymer composite sheets for EMI shielding	International Conference on Advances in Polymer Science & Technology (APA 2017), Delhi	Nov. 2017
	Dr. Jindagi Kumari	X-Men of Rushdie: A Study of the use of Cinematic Allusions in Two Years, Eight months Twenty Eight Nights	International Conference on New Directions in 21 st Century Linguistics, Literature and Language Teaching: Moving towards Ka:rmik Linguistic Theory and Practice, Sharda University, Noida	March 2019
	Mr. Surender	Analysis of Toxic Elements in the Underground water of Bahadurgarh City, Haryana, India	2nd International Conference on Innovations in Chemical, Biological & Environmental Sciences, Arya PG College Panipat, Haryana	Feb., 2019
	Mr. Jayesh Kumar	Phase change material as thermal energy storage medium: A state of art review.	2nd International Conference on Sustainable Technologies for Environmental Management (STEM-2018), DTU, Delhi	March, 2019
	Mrs. Deebea Naqvi	Two person zero sum matrix game involving I-fuzzy parameters	51 st Annual Convention of Operation Research Society of India and International Conference, IIT Bombay	Dec. 2018