

Department of Applied Sciences (1st Shift)
Journals Publications

Sr. No.	Faculty Name	Title	Journal	ISSN/ ISBN	Year
1	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
2.	Dr. Man Singh Beniwal	Direct estimates for a certain form of Srivastava-Gupta operator	Boletin de la Sociedad Mathematica Mexicana	1405-213X	2018
		Approximation of Durrmeyer type operators depending on certain parameters	Abstract and Applied analysis	1687-0409	2017
3.	Dr. Ajay Kr. Singh	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
		Atomic structure calculations of He and Li like Ti ions for interpreting astrophysical Spectra	Journal of Physics: Conference series	1742-6596	2017
		Calculations of Atomic Parameters of highly charged Fe ions for Interpreting Astrophysical Spectra	International Journal of Advance Research and Innovation	2347-3258	2017
4.	Dr. Brijpal Singh	Correlation of inclusion characteristics and microstructure with mechanical properties in low carbon steel weldments.	Journal of metallurgy and material science	0974-1267	2018
5.	Dr. Sheela Devi Malik	Interdependence between electrical and magnetic properties of polycrystalline cobalt-substituted tungsten bronze multiferroic	Journal of Advanced Dielectrics	2010-135X	2018

		ceramics			
		Study of Structural and Dielectrical Properties of Lead Free Polycrystalline Electro Ceramics Ba ₅ CaTi ₂ Nb ₈ O ₃₀ (BCTN) for Microwave Tunable Device Applications	Materials Sciences and Applications,	2153-117X	2018
		Impact of copper substitution on the structural, ferroelectric and magnetic properties of tungsten bronze ceramics	Physica B: Condensed Matter	0921-4526	2018
		Synthesis and characterization of polycrystalline Ba ₅ CaTi _{2-x} M _x Nb ₈ O ₃₀ (M=Cu) tungsten bronze electro ceramics	Ferroelectrics	0015-193	2017
		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
		Writing Back: The elements of Post-Colonialism in Amitav Ghosh's Sea of Poppies	Int. J. of Language Literature and Theory	2347-355X	Feb 2016
		The Post- Colonial Metropolis: A study of the Cityscape in Amitav Ghosh's The Shadow Lines	Dialogue	0974-5556	Dec 2015
		Portrait of Childhood in Indian English Short Stories by Women	Dialogue	0974-5556	June 2013
		Erotic Consciousness in the Poetry of Shiv K. Kumar and R.K. Singh: A Comparative Study	Poetcrit	0970-468X	2012
		It's Too Much To Live: Theme of Death in R.K. Singh's Poetry	Poetcrit	0970-2830	2010
		Reinterpretation of Biblical Myths in Shiv K. Kumar's Trapfalls in the Sky: A Study	Indian Book Chronicle: News and Reviews	0970-468	2010
		Treatment of Myths in the Poetry of Shiv K.	Anvikshiki:	0973-9777	2010

		Kumar and R.K. Singh: A Comparative Study	Bimonthly International J. of All Research		
		From the Howling Sea to the Vale of Silence: Dark Imagery in Niranjana Mohanty's Prayers to Lord Jagannath	A Study of the Poetry of Niranjana Mohanty (Book)	978-81-8435-209-2	2009
		The Poetics of R. K. Singh	The Journal of Indian Writing in English	0302-1319	2009
7.	Dr. Pooja Singh	Hypergeometric Functions on Cumulative Distribution Function	Asian Research Journal of Mathematics	2456-477X	2019
8.	Dr. Rakesh Kumar	Self-Supported Lightweight Polyaniline Thin Sheets for Electromagnetic Interference Shielding with Improved Thermal and Mechanical Properties	American Journal of Polymer Science	2163-1352	2015
		Poly (o-anisidine)-carbon fiber based composites as an introductory material for EMI shielding	Advanced Materials Letters	0976-3961	2015
		Fabrication and microwave shielding properties of free standing polyaniline-carbon fiber thin sheets	Materials Chemistry and Physics	0254-0584	2015
		Lightweight and solution processible thin sheets of poly (o-toluidine)-carbon fiber-novolac composite for EMI shielding	RSC Advances	2046-2069	2015
9.	Mr. Sachin Dhull	Experimental Investigation of Abrasive Flow Machining Process Alongwith Fuzzy Logic and Grey Relational Analysis	International Journal of Latest Engineering and Management Research	2455-4847	2019
		Modeling and Simulation of AFM Experimentation of Brass Workpiece Using Different Media	International Journal of Latest Engineering and Management Research	2455-4847	2019

	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	2455-4847	2018
	Development of Different Polymer Media and Experimental Investigation of Abrasive Flow Machining Process	International Journal of Engineering Research and Technology	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	2248-9622	2018