

**Department of Applied Sciences (1<sup>st</sup> Shift)**  
**Journals Publications Up To Dec. 2020**

<b>Sr. No.</b>	<b>Faculty Name</b>	<b>Title</b>	<b>Journal</b>	<b>ISSN/ ISBN</b>	<b>Year</b>
1.	Dr. Man Singh Beniwal	Approximation Between Modified Baskakov And Srivastava-Gupta Operators	PUBLICATIONS DE L'INSTITUT MATHEMATIQUE	0350-1302	2020
		Direct estimates for a certain form of Srivastava-Gupta operator	Boletin de la Sociedad Matematica Mexicana	1405-213X	2018
		Approximation of Durrmeyer type operators depending on certain parameters	Abstract and Applied analysis	1687-0409	2017
2.	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
		The effect of dust grains on the Weibel instability in presence of large amplitude electrostatic waves	Physics of Plasmas	1070-664X	2020
3.	Dr. Brijpal Singh	Optimal design of flux for submerged arc weld properties based on RSM coupled with GRA and PCA	Int. J. Manufacturing Technology and Management	1741-5195	2020
		Correlation of inclusion characteristics and microstructure with mechanical properties in low carbon steel weldments.	Journal of metallurgy and material science	0974-1267	2018
4.	Dr. Sheela Devi Malik	Interdependence between electrical and magnetic properties of polycrystalline cobalt-substituted tungsten bronze multiferroic ceramics	Journal of Advanced Dielectrics	2010-135X	2018
		Study of Structural and Dielectrical Properties	Materials	2153-117X	2018

		of Lead Free Polycrystalline Electro Ceramics Ba <sub>5</sub> CaTi <sub>2</sub> Nb <sub>8</sub> O <sub>30</sub> (BCTN) for Microwave Tunable Device Applications	Sciences and Applications,		
		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 <sub>5</sub> CaTi <sub>2-x</sub> M <sub>x</sub> Nb <sub>8</sub> O <sub>30</sub> (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
		Investigation of structural, ferroelectric and magnetic properties of iron doped tungsten bronze multiferroic ceramics	Physica B: Condensed matter	0921-4526	2020
		Phase transition and optical properties of samarium-doped BiFeO <sub>3</sub> nanoparticles	Journal of Materials Science: Materials in Electronics	0957-4522	2020
5.	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. Kumar and R.K. Singh: A Comparative Study	Anvikshiki: Bimonthly International J. of All Research	0973-9777	2010
		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
6.	Dr. Pooja Singh	Hypergeometric Functions on Cumulative Distribution Function	Asian Research Journal of Mathematics	2456-477X	2019
		Integrals of Four Variables with Statistical Distribution associated with hyper geometric function of Matrix Argumentt	International Journal of Scientific Research and Engineering Development	2581-7175	2019
		Hypergeometric function and its Applications,	Journal of Critical Review	2394-5125	2020
7.	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	Materials Chemistry and	0254-0584	2015

		fiber thin sheets	Physics		
		Lightweight and solution processible thin sheets of poly (o-toluidine)-carbon fiber-novolac composite for EMI shielding	RSC Advances	2046-2069	2015
8.	Ms. Pooja Singh	Properties and Transistor Applications of Silicon Nanowires	International Journal of Physics and Applications	0974-3103	2020
		Infrared Detector	International Journal of Electronics Engineering Research	0975-6450	2019
9.	Ms. Deeba Naqvi	Solving I-fuzzy two person zero-sum matrix games: Tanaka and Asai approach	Granular Computing	2364-4966	2019
		A novel approach for two person zero-sum matrix game with intuitionistic fuzzy 2-tuple linguistic information	The Research Journal (TRJ)	2454-7301	2020
10.	Dr. Ajay Kumar	Using Quorum for Solving Channel Allocation Problem	International Journal of Computer Science and Mobile Computing	2320-088X	2019
		A Brief Study of Routing Protocols for Finding Efficient Path in MANETS	International Journal of Computer Science and Mobile Computing	2320-088X	2020
11.	Dr. Anju R. Ahlawat	Electronic Waste Impacting Health and Environment, Its Management- Global & Indian Perspective	International Journal of Scientific Research and Engineering	2581 - 7175	2019

			Development		
		Improved Fuel Quality Standards And Advancements In Emission Norms –Warranting Better Air In Urban India	International Research Journal of Modernization in Engineering Technology and Science	2582-5208	2020
12.	Mr. Rajbir Singh	Magnetic Abrasive Flow Machining Process Review and Its Experimental Investigation	International Journal of Engineering Research & Technology	2278-0181	2019
		Safety Intervention in Urban Planning For Vulnerable Road Users	International Journal Of Engineering Research And Development	2278-067X	2020
13.	Mr. Rajbir Singh Rathi	Techno-Economic Comparison of UASB Reactors with other Sewage Treatment Technologies in India	International Journal for Innovative Research in Multidisciplinary Field	2455-0620	2019
		Biomedical Waste Management in the wake of Covid-19: Challenges and Current state of Affairs in India	International Journal Of Engineering Research And Development	2278-067X	2020
14.	Dr. Reetu Siwach	Lie Nilpotent Group Algebras: A Survey	International Journal of Mathematics Trends and Technology	2349-5758	2019
		A Note on Lie Derived Length of Group Algebras	International Research Journal of Engineering	2395-0056	

			and Technology (IRJET)		
15.	Dr. Sumita Dabas	Zinc Silicate-Bonded Dimethyl Dithiocarbamate as a Selective Adsorbent for Separating Transition Metal Ions and Preconcentration of Palladium(II)	MSIT Journal of Research- SATYAM	2319-7897	2020