

SCHOOL OF BASIC SCIENCE AND HUMANITIES

LIST OF PUBLICATIONS

PHYSICS

Year	Type of Publication		Publication Details	Average citation index and impact factor of publications
2015	International Journals	1.	Title: Crystal structure analysis of ebastine [4-(4-benzhydryloxy-1-piperidyl)-1-(4- <i>tert</i> -butylphenyl) butan-1-one]: an oral histamine antagonist Authors: R. Sharma, D. Prasher and R. K. Tiwari Name of the Journal : Journal of applied crystallography Month and year of publication: August 2015	ACI-7, Impact Factor:3.72 Indexed in Scopus
		2	Title: Studies of Dense Electronic Excitation Induced Modification in Crystalline Fe doped SnO ₂ Thin Films Authors: Manoj Kumar Jaiswal, D. Kanjilal, C. L. Dong, K. Asokan, S. Ojha, R. Kumar. Name of the Journal: Applied Surface Science Month and year of publication: January 2015	ACI-17, Impact Factor 2.538 Indexed in Scopus
		3.	Title: Studies of dense electronic excitation induced modification in cobalt doped SnO ₂ thin films prepared by RF sputtering technique <i>Authors:Manoj Kumar Jaiswal and Rajesh Kumar</i> Name of the Journal: Journal of Alloys and Compounds Month and year of publication: July 2015	ACI-8, Impact factor 2.726 Indexed in Scopus
		4	Influence of Transition Metal (Cu, Al) ions Doping on Structural and Optical properties of ZnONanopowders K. Srinivasa Rao and T. Vanaja Materials Today: Proceedings 2 (2015) 3743 – 3749	Indexed in Scopus published by Elsevier Material Today IF=10.856
		5	Effect of Solvents on particle structure, morphology and optical properties of Zinc oxide nanoparticle A.Vanaja and K. Srinivasa Rao Int. J. Adv. Mat. Sci. Engg. 4(2), 1-8, (2015)	
		6	Investigation on synthesis, structural and optical properties of ZnO Nanoparticle prepared by Solgel process A.Vanaja and K.Srinivasa Rao Int. J. Mech. Prod. Engg. Res. Dev. 5 (3), 27-34, 2015	
		7	Sol-Gel Synthesis and Characterization of Pure and Silver Doped Zinc Oxide Nanoparticles AravapalliVanaja, KarumuriSrinivasa Rao Volume-2 Issue-8, 11-14, July 2015	
	National Journals			
	International			

	Conference			
	National Conference	1	<p>Title: Studies of optical, magnetic, electrical, surface and phase modification in Co doped SnO₂ crystalline thin films induced by SHI</p> <p>Authors: Manoj Kumar Jaiswal and Rajesh Kumar</p> <p>Name of the Journal : National Symposium on “Innovations in Composites for general purpose to High end Applications - held from 17-18 February, 2015.</p> <p>Month and year of publication: Feb, 2015</p>	Oral Presentation
2014	International Journals	1.	<p>Title: Dense electronic excitation induced modification in TiO₂ doped SnO₂ Nanocomposite films.</p> <p>Authors: Manoj Kumar Jaiswal, Rajesh Kumar and D. Kanjilal</p> <p>Name of the Journal: Journal of Alloys and Compounds</p> <p>Month and year of publication: May 2014</p>	ACI-6, Impact Factor: 2.726 Indexed in Scopus
		2	<p>Title: Spin-polarized electron transfer in ferromagnet/C₆₀ interfaces</p> <p>Authors: Timothy Moorsom, May Wheeler, TaukeerMohd Khan, Fatma Al Ma’Mari, Christian Kinane, Sean Langridge, David Ciudad, Amílcar Bedoya-Pinto, Luis Hueso, Gilberto Teobaldi, Vlado K. Lazarov, Daniel Gilks, Gavin Burnell, Bryan J. Hickey, and Oscar Cespedes</p> <p>Name of the Journal :Phys. Rev. B 90, 125311 – Published 22 September 2014</p> <p>Month and year of publication: 2014</p>	ACI-13, Impact Factor-3.736 Indexed in Scopus
		3	<p>Title: Effect of spin doping and spin injection in the luminescence and bivrational spectrum of C₆₀</p> <p>Authors: Daniel Gilks and Oscar Cespedes Timothy Moorsom, May Wheeler, MohdTaukeer Khan, Fatma Al Ma'Mari, Gavin Burnell, Bryan J. Hickey, VladoLazarov</p> <p>Name of the Journal :Appl. Phys. Lett.105, 022408</p> <p>Month and year of publication: 2014</p>	ACI-3, Impact Factor-3.736 Indexed in Scopus
		4	<p>Title: Synthesis of Novel Functionalized-Graphene/Quantum Dots Hybrid System for Solar Cells Application</p> <p>Authors: A. Azam S.S. Babkair, M.T. Khan</p> <p>Name of the Journal :Nanotech Advance Materials and Applications Conference</p> <p>Month and year of publication: 2014</p>	ACI-3, Indexed in Scopus, Elsevier Special Issue.
		5	<p>Title: Photoinduced currents in pristine and ion irradiated kapton-H polyimide</p> <p>Authors: A Sharma, Y Sridharbabu, JK Quamara</p> <p>Name of the Journal: LIGHT AND ITS INTERACTIONS WITH MATTER</p> <p>Month and year of publication: 2014</p>	

		6	Title: Effect of polarization on dielectric behaviour of PET/0.8 PHB polymer liquid crystals Authors: S Yarramaneni, A Sharma, JK Quamara Name of the Journal: SOLID STATE PHYSICS: Proceedings of the 58th DAE Solid State Physics Month and year of publication: 2014	Impact Factor- 2.429, Indexed in Scopus
	National Journals	1		
	International Conference	1	Title: Dense Electronic Excitation induced modification in Ni doped SnO ₂ Thin Films. Authors: Manoj Kumar Jaiswal, Rajesh Kumar and D. Kanjilal Name of the Journal: International Conference on Nanoscience and Nanotechnology - "Aligarh Nano IV International 2014" held at Aligarh Muslim University, Aligarh, U.P., India. Month and Year of publications: 2014	
	National Conference	1	Structural and optical investigation of ZnO Nano powders Synthesized From Zinc Chloride and Zinc Nitrate A.Vanaja and K. Srinivasa Rao National Conference on Recent Advances in Applied Sciences (ISBN:978-81-923944-2-3) page 41-44	
2		Title: Theoretical investigations of lattice dynamical and harmonic properties of InAs and InSb Authors: S.C. Pandey, K.K.Mishra and K.S.Upadhyaya, Name of the Journal :National Seminar on Advances of Material Science in physics (sponsored by UGC), 20-21 Dec. 2014 Month and year of publication: 2014		
3		Title: Theoretical study of thermal and vibrational properties of cesium chloride and thallos chloride", Authors: S.K. Shukla, K.K.Mishra and K.S.Upadhyaya Name of the Journal :National Seminar on Advances of Material Science in physics (sponsored by UGC), 20-21 Dec. 2014. Month and year of publication: 2014		
		4	Title: Effect of Van der Waals and three body interactions on Thermal and Vibrational properties of BaF ₂ and PbF ₂ Authors: Guljari Singh, K.K.Mishra and G.K.Upadhyay Name of the Journal :National Seminar on Advances of Material Science in physics (sponsored by UGC), 20-21 Dec. 2014	

			Month and year of publication: 2014	
2013	International Journals	1.	Title: Swift heavy ion induced modification in morphological and physico-chemical properties of tin oxide nanocomposites Authors: Manoj Kumar Jaiswal, D. Kanjilal and Rajesh Kumar Name of the Journal: Nuclear Instruments and Methods in Physics Research B Month and year of publication: July 2013	ACI-3, Impact Factor-1.186 Indexed in Scopus
		2	Title: "Effect of van der Waals and three body interactions on thermal and vibrational properties of cesium and thallos bromides: CsBr and TlBr", Authors: S.K. Shukla, K.K.Mishra , A.N.Pandey, G.K. Upadhyay, K.S. Upadhyaya, Name of the Journal : Int. J. Pure & Appl. Phys., Vol. 9 (2), pp. 125-138 Month and year of publication: 2013	ACI-2, IC Value-2.36,
		3	Title: Structural and optical studies of 100 MeV Au irradiated thin films of tin oxide Authors: Manoj Kumar Jaiswal, D. Kanjilal and Rajesh Kumar Name of the Journal: Nuclear Instruments and Methods in Physics Research B Month and year of publication: June 2013	ACI-7, Impact Factor-1.186, Indexed in Scopus
		4	Title: Volume thermal expansivity for lower mantle region of the Earth under adiabatic condition Authors: S K Sharma Name of the Journal: Physica B Month and year of publication: 2013	ACI-5, Impact Factor-1.675
		5	Title: Surface tension with normal curvature in curved space-time Authors: Himanshu Kumar, SharfAlam, Suhail Ahmed. Name of the Journal: General Relativity and Gravitation Month and year of publication: January 2013	ACI-2, Indexed in Scopus, Impact Factor-1.902
		6	Title: Dynamics of dark matter in baryon-radiation plasma: perspectives using Merscekii equation Authors: Himanshu Kumar, SharfAlam Name of the Journal: Physical Review D. Month and year of publication:2013	ACI-3, Impact Factor-4.864, Indexed in Scopus
		7	Title: Fractional M2 Branes in N=1 Superspace. Authors: Himanshu Kumar, SharfAlam Name of the Journal : arXiv:1211.0154 [astro-ph.CO] Month and year of publication: 2013	ACI-1, Indexed in arXiv, NASA

		8	Title: Feebly self-interacting Dark matter: New theory for Core Halo structure in GLXB galaxies Authors: Himanshu Kumar, SharfAlam Name of the Journal :arXiv:1307.7469 [astro-ph.CO] Month and year of publication: 2013	ACI-1, Indexed in arXiv, NASA
		9	Title: Dermicidin derived DCD-1, DCD-1L: A sweat based Prospective biomarker for Osteoarthritis in Hereditary groups Authors: Himanshu Kumar Name of the Journal : Osteoarthritis and Cartilage Month and year of publication:2013	
	National Journals	1	Title: Surface tension with normal curvature in curved space-time Authors: Himanshu Kumar, SharfAlam, Suhail Ahmed. Name: 27 th Indian Association of General Relativity and Gravitation conference held at HNBG University, Garhwal, Uttarakhand Month and year of publication: March 2013	
		2	Title: Surface tension in curved space-time Authors: Himanshu Kumar Name: Talk at Centre of Theoretical Physics, JamiaMiliaIslamia, New Delhi Month and year of publication: March 2013	
		3	Title: Anharmonicity in thermal pressure for Aluminium Authors: S.K.Sharma, B.S.Sharma and R.Kumar Name of the Journal: Indian Journal of pure and Applied Physics Month and year of publication: 2013	
	International Conference			
	National Conference	1	Title: Lattice dynamics of ND4Cl and TlCl using van der Waals and three body interactions Authors: K.K.Mishra , S.K.Shukla, A.N. Pandey, G.K.Upadhyay and K.S.Upadhyaya, Name of the Journal :Proc. 7 th National Conference on Thermo-physical Properties at Dept. of Physics, C.S.J.M. University, Kanpur, 17-19 Oct, 2013. Month and year of publication: 2013	
		2	Title: Anharmonic and thermal properties of beryllium chalcogenides (BeS, BeSe and BeTe), Authors: K.K.Mishra , S.K.Shukla, A.N. Pandey, G.K.Upadhyay and K.S.Upadhyaya, Name of the Journal :7 th National Conference on Thermo-physical Properties at Dept. of Physics,	

			C.S.J.M. University, Kanpur, 17-19 Oct, 2013. Month and year of publication: 2013	
2012	International Journals	1	Title: Theoretical analysis of phonon dynamical behaviour of Cesium Chloride at various temperatures Authors: S.K.Shukla, K.K.Mishra , A.N.Pandey, G.K.Upadhyay, and K.S.Upadhyaya Name of the Journal : IOSR J. Appl. Phys., Vol. 2, Issue 4, pp. 26-34 Month and year of publication: 2012	ACI-2, Indexed in Cross Ref., arXiv, NASA, doi:10.9790/4861-0242634 Impact factor-1.119
		2	Title: Crystal dynamic and structural study of thorium selenide (ThSe): Elastic behaviour and pressure effect Authors: B.P.Dwiwedi, K.K.Mishra and K.S.Upadhyaya, Name of the Journal : Int. J. Rec. Sci. Res., Vol. 3(7), pp. 611-620, 2012. Month and year of publication: 2012	[Indexed in Index Copernicus , IC Value: 5.72]
		3	Title: A theoretical study of Debye temperature variations of gallium pnictides Authors: K.K.Mishra and K.S.Upadhyaya, Name of the Journal : Int. J. Engg. Res. Tech., Vol 1, Issue 5, pp. 1-3, 2012 Month and year of publication: 2012	[Indexed in Scirus, arXiv Impact factor-1.76]
		4	Title: Effect of van der Waals and three body interactions on the lattice dynamics of ionic crystals: An application to <i>SrO</i> Authors: K.K.Mishra , R.K. Trivedi, S.K.Upadhyay, G.K.Upadhyay, and K.S.Upadhyaya, “ Name of the Journal : IOSR J. Appl. Phys., Vol 1, Issue 2, pp. 24-32 (2012). Month and year of publication: 2012	ACI-2, [Indexed in Cross Ref., arXiv, NASA, doi:10.9790/4861-0242634] Impact factor-1.119
		5	Title: Phonon study of gallium antimonides (GaSb) using a theoretical approach of van der Waals three-body force shell model (VTSM) Authors: K.K.Mishra , G.K.Upadhyay and K.S.Upadhyaya Name of the Journal : Int. J. Sci. Engg. Res., Vol. 3, Issue 8, pp. 1388-1396, 2012. Month and year of publication: 2012	ACI-3, [Indexed in Thomson Reuters Cross Ref., arXiv, NASA, Impact Factor:3.2, IC value: 5.27]
		6	Title: Crystal dynamic study of gallium arsenide (GaAs) using a theoretical approach of van der Waals three-body force shell model (VTSM) Authors: K.K.Mishra , G.K.Upadhyay and K.S.Upadhyaya, Name of the Journal : Phys. Rev. Res. Int., 2(2): 91-106, 2012	ACI-2, [Indexed in ProQuest] Impact factor-1.007

			Month and year of publication: 2012	
		7	Title: Swift heavy ion induced topography changes of Tin oxide thin films. Authors: Manoj Kumar Jaiswal, Avesh Kumar, D. Kanjilal and T. Mohanty Name of the Journal: Applied Surface Science Month and year of publication: September 2012	ACI-12, Impact Factor-2.538
		8	Title: Decay of $^{213,217}\text{Fr}^*$ systems formed in $^{19}\text{F} + ^{194}\text{Pt}$ reactions at $E_{c.m.} = 80-94$ MeV Authors: Manoj K. Sharma, Shefali Kanwar , Gudveen Sawhney and Raj K Gupta Name of the Journal : Phys. Rev. C. 85, 064602 (2012). Month and year of publication: 2012	Indexed in Scopus, Impact Factor-3.733
		9	Title: Volume thermal expansion for ionic solid at high temperatures Authors: B.S.Sharma, R. Kumar and S.K.Sharma Name of the Journal: International Journal of Engineering and Mathematics Month and year of publication: 2012	
2012	National Journal	1	Title: Crystal dynamic study of cesium chloride structured crystals by application of van der Waals three body force shell model (VTSM): An application to CsI Authors: S.K.Shukla, K.K.Mishra , M.P.Sriwastawa, K.S.Upadhyaya Name of the Journal : Asian J. Phys. Sci. Vol 1, no. 2, pp. 84-104, 2012. Month and year of publication: 2012	
	International Conference	1	Title: Swift Heavy Ion induced modification in Morphological and Optical Properties of Tin Oxide Nanocomposites. Authors: Manoj Kumar Jaiswal, Rajesh Kumar and D. Kanjilal Name of the Journal: Proc. ICACS-25, International Conference on Atomic Collisions in Solids held at Kyoto University, Kyoto, Japan. Month & year of publications: 2012	
		2	Title: Structural and Optical Studies of 100 MeV Au irradiated thin films of tin oxide. Authors: Manoj Kumar Jaiswal, Rajesh Kumar and D. Kanjilal Name of the Journals: SHIM-2012, 8 th International Symposium on Swift Heavy Ions in Matter held at Kyoto University, Kyoto, Japan. Month & Years of Publication: 2012	
	National	1		

	Conference			
2011	International Journals	1	Title: Fermi level shifting of TiO ₂ nanostructures during dense electronic excitation. Authors: Avesh Kumar, Manoj Kumar Jaiswal, D. Kanjilal, Rakesh K. Joshi and T. Mohanty Name of the Journal: Applied Physics Letters Month and year of publication: July 2011	Indexed in Scopus, Impact Factor-3.794
		2	Title: <i>In-Situ</i> growth of CdTe Nanocrystals in P3HT Matrix for Photovoltaic Application, Authors: MohdTaukeer Khan , Amarjeet Kaur, S K Dhawan and Suresh Chand Name of the Journal :, J. Appl. Phys 110, 044509 (2011). Selected for <i>Virtual Journal of Nanoscale Science & Technology</i> Vol 24, Issue 11, (2011). Month and year of publication: 2011	Indexed in Scopus, Impact Factor: 2.064, ACI: 14
		3	Title: Hole transport mechanism in organic/inorganic hybrid system based on <i>in-situ</i> grown CdTe nanocrystals in poly(3-hexylthiophene) Authors: MohdTaukeerKhan , Amarjeet Kaur, S K Dhawan and Suresh Chand Name of the Journal : J. Appl. Phys.109 , 114509 (2011). Month and year of publication: 2011	Indexed in Scopus, Impact Factor: 2.064, ACI: 2
		4	Title: Fusion excitation functions of ⁶⁴ Ni+ ¹¹²⁻¹³² Sn reactions studied on the dynamical cluster-decay model. Authors: Manoj K. Sharma, ShefaliKanwar , GudveenSawhney, Raj K Gupta and Walter Greiner. Name of the Journal : J Phys. G: Nucl. Part. Phys. 38, 055104 (2011). Month and year of publication: 2011	Indexed in Scopus, Impact Factor-2.838, ACI-4
		5	Title: CuIn _{1-x} Al _x Se ₂ Thin Films Grown By Electrodeposition Authors: Dixit Prasher, Ranjana Sharma, Ashok K. Sharma and P. Rajaram Name of the Journal : American Institute Of Physics (AIP) Conf. Proc Month and year of publication: Dec. 2011	
		6	Title: Photorefractive space charge electric field in GaAs:Cr with external electric and magnetic fields Authors: Dheeraj Sharma , Devendra Mohan and Umesh Gupta Name of the Journal :Appl. Phys. Lett., 98, 211119 (2011) Month and year of publication: 2011	Indexed in Scopus, Impact Factor-3.302, ACI-4
		7	Title: EMT-based simulation for Cu-Au alloy Authors: Umesh Gupta , Devendra Mohan and S. K. Ghosal.	Indexed in Scopus, ACI-3, Impact Factor-0.954

			Name of the Journal :Journal of Phase Transitions (2011) Month and year of publication: 2011	
		8	Title: Synthesis and Electroluminescence Studies of Manganese Doped Cadmium Sulfide Nanoparticles, Authors: Piyush Vishwakarma, M. Ramrakhiani, P. Singh and D.P Bisen Name of the Journal: The Open Nano-science Journal, 2011, 5, (Suppl 1-M2) 34-40. Month & Year of publications:2011	
		9	Title: Entropy for periclase at high compressions and at high temperatures Authors: S. K. Sharma, B. K. Sharma, B.S.Sharma and R.Kumar Name of the Journal: Modern Physics Letters B (World Scientific) Month and year of publication: 2011	Indexed in Scopus, Impact Factor-0.687, ACI-8
		10	Title: Evaluation of dielectric relaxation parameters from TSDC analysis of pristine and ion irradiated kapton-H polyimide Authors: A Sharma, S Yarramaneni, JK Quamara Name of the Journal: Nuclear Instruments and Methods in Physics Research Section B: Beam Month and year of publication: 2011	
		11	Title: Transient Current Behaviour of Poly (p-hydroxybenzoic acid-co-ethylene terephthalate) Liquid Crystal Polymers Authors: S Yarramaneni, A Sharma, JK Quamara Name of the Journal: SOLID STATE PHYSICS, PROCEEDINGS OF THE 55TH DAE SOLID STATE PHYSICS. Month and year of publication: 2011	
2011	National Journals			
2011	International Conference			
2011	National Conference	1	Title: Thermal energy of ionic solids Authors: S. K. Sharma Name of the Journal: Journal of Alloys and compounds Month and year of publication: 2010	
		2	Title: Study on the Solar Cells Performance of P3HT-CdTe Hybrid System Authors: MohdTaukeer Khan , Amarjeet Kaur, S.K. Dhawan, and Suresh Chand Name of the Journal :National Symposium on "Recent	

			Advances in Materials and Devices for Solar Energy Applications” (1 st - 2 nd , Sept. 2011), National Physical Laboratory, New Delhi. Month and year of publication: 2011	
2010	International Journals	1	Title: Entrance channel independence in the decay of ²¹⁵ Fr* nucleus. Authors: Manoj K. Sharma, GudveenSawhney, ShefaliKanwar and Raj K Gupta. Name of the Journal : Mod. Phys. Lett. A 25, 2022-2023 (2010). Month and year of publication: 2010	Indexed in Scopus, ACI-5, Impact Factor-1.338
		2	Title: Effect of cadmium sulphide quantum dot processing and post thermal annealing on P3HT/PCBM photovoltaic device, Authors: M. Taukeer Khan ,RanooBhargav, Amarjeet Kaur, S.K. Dhawan, S. Chand. Name of the Journal : Thin Solid Films519 1007 (2010). Month and year of publication: 2010	Impact Factor: 1.909, Citations: 10
		3	Title: Electrical, optical and hole transport mechanism in thin films of poly(3-octylthiophene-co-3-hexylthiophene): Synthesis and characterization Authors: MohdTaukeer Khan , Manisha Bajpai, Amarjeet Kaur, S. K. Dhawan, Suresh Chand, Name of the Journal : Synthetic Metals160 1530 (2010). Month and year of publication: 2010	Impact Factor: 1.871, Citations: 4
		4	Title: Memory effect in cadmium telluride quantum dots doped ferroelectric liquid crystals, Authors: A. Kumar, J. Prakash, MohdTaukeer Khan , S. K. Dhawan and A. M. Biradar Name of the Journal : Applied Physics Letter 97 163113 (2010). Month and year of publication: 2010	Impact Factor: 3.820, Citations: 22
		5	Title: Dual Fluorescence of Methylene Blue encapsulated in silicon matrix Authors: Umesh Gupta , Devendra Mohan , S. K. Ghosal, and Vandana Nasa Name of the Journal : Photochemistry & Photobiology, 209 (2010) 7-11. Month and year of publication: 2010	ACI-2, Indexed in Scopus, Impact Factor-2.413
		6	Title: Synthesis and characterization of sol-gel derived superconducting material:YBCO Authors: Umesh Gupta , Devendra Mohan , S. K. Ghosal, and Karan Singh Gill. Name of the Journal :Asian Journal of Spectroscopy, 14 (2010) 77-84. Month and year of publication: 2010	Indexed in Scopus, Impact Factor-0.083

		7	Title: Estimation of thermo-optical properties in PbI ₂ single crystal Authors: Umesh Gupta , Devendra Mohan , S. K. Ghosal, Meenakshi Sharma, D. S. Ahlawat, and R. D. Singh. Name of the Journal :Int. J. Mod. Phys. B. , 2010 Month and year of publication: 2010	Indexed in Scopus, Impact Factor-0.94
		8	Title: Three dimensional model for tetragonal to orthorhombic transition Authors: Gashawtena Bayou, Umesh Gupta , Devendra Mohan and S. K. Ghosal. Name of the Journal :The European Physical Journal B (2010) Month and year of publication: 2010	Indexed in Scopus, Impact Factor-1.534, ACI-3
		9	Title: Photo physical and lasing properties of Rh-B embedded in silica matrices Authors: Umesh Gupta , Devendra Mohan , A. K. Sharma, Meenakshi Sharma, Nageshwar Singh, Sunita Sharma and R. D. Singh. Name of the Journal :Journal of Luminescence (2010) Month and year of publication: 2010	Indexed in Scopus, Impact Factor-2.719, ACI-4
		10	Title: Volume dependence of the melting temperature for aluminium Authors: S. K. Sharma and B. K. Sharma Name of the Journal: Solid State Communications Month and year of publication: 2010	Indexed in Scopus, Impact Factor-1.897, ACI-7
		11	Title: Volume dependence of thermal expansivity for hcp iron Authors: S. K. Sharma and B.K. Sharma Name of the Journal: Physica B (Elsevier) Month and year of publication: 2010	Indexed in Scopus, Impact Factor-1.319, ACI-3
2010	National Journals	1		
2010	International Conference	1	Title: <i>In-situ</i> growth of quantum dots in polymer template: photophysics of organic/inorganic hybrid solar cells Authors: MohdTaukeer Khan , Amarjeet Kaur, S.K. Dhawan, and Suresh Chand Name of the Journal :International Conference on Quantum Effect in Solids of Today (I-ConQUEST), Dec. 20-23, 2010, National Physical Laboratory, New Delhi(India). Month and year of publication: 2010	
		2	Title: <i>In-situ</i> growth of ZnTe nanocrystals in polymer template: structural, optical, and electrical study, Authors: MohdTaukeer Khan , Amarjeet Kaur, S.K. Dhawan, and Suresh Chand	

			Name of the Journal :M A C R O 2010, Dec. 15 - 17, 2010 India Habitat Centre, New Delhi, India. Month and year of publication: 2010	
		3	Title: Surface Morphology Study of Ni-doped Tin Oxide Synthesized by Energetic Ion Beam. Authors: Manoj Kumar Jaiswal, TanujaMohanty and D. Kanjilal International Conference on Nano Science and Technology (ICONSAT – 2010) held at IIT, Mumbai.	
		4	Title: Effect of Metallic Dopant Concentration on Electrical and Optical Properties of Nanocrystalline TiO ₂ thin film. Authors: Avesh Kumar, Manoj Kumar Jaiswal, TanujaMohanty and D. Kanjilal International Conference on Nano Science and Technology (ICONSAT – 2010) held at IIT, Mumbai.	
		5	Title: Gruneisen ratio of Mg ₂ SiO ₄ based on K- primed Equations of State Authors: S.K Srivastava, S.K. Sharma, Pallavi Sinha and B.S.Sharma Name of the conference: IETET-2010, GIMT, Kurukshetra, Haryana,India Month and year of publication: October 2010	
		6.	Title: Gruneisen parameter of MgO at high temperatures and high pressures Authors: S.K. Sharma, Pallavi Sinha, and S.K Srivastava and B.K. Sharma Name of the conference: IETET-2010, GIMT, Kurukshetra, Haryana,India Month and year of publication: October 2010	
2010	National Conference	1	Title: A Study of Phonon Dynamics of Gallium Pnictides: GaP, GaAs, GaSb Authors: K.K.Mishra and K.S.Upadhyaya Name of the Journal :Proceeding of 19 th Annual Conference of Purvanchal Academy of Sciences, 20-21 Feb, 2010 Month and year of publication: 2010	

CHEMISTRY

Year	Type of Publication		Publication Details	Average citation index and impact factor of publications
2015	International Journal	1	"Optimization of coagulation-flocculation process for foodindustry waste water treatment using polyelectrolytes with inorganic coagulants" J.K.Kapoor, ShaguftaJabin and H.S.Bhatia, J. I.Chemical society (Accepted for publication)	Indexing in Chemical abstract, Scopus and SCI. Impact Factor- 0.32
		2	Synthesis, Spectroscopic Characterization and Evaluation of Antitumor properties of novel fattyacid conjugates of 2,4 and 2,6-diisopropylphenol FauziaBanoFaruqi and NayyarParvez <i>International Journal of Pharmaceutical Sciences and Research</i> , 6 (1): 1000-1008,2015.	Indexing in chemical abstract, scopus. Impact factor:1.54
		3	"Polyunsaturated fattyacids: A hope for treating cancer patients" FauziaBanoFaruqi and NayyarParvez <i>International Journal of Engineering Research and Technology</i> , 8(1); 10-16, 2015.	
	International Conference	4	" Treatment of rice industry waste water for flotation-flocculation", J.K.Kapoor , ShaguftaJabin and H.S.Bhatia <i>In ICG 2015 : XIII in internation Conference on Geomorphology in Singapore on 8-9th January,2015</i>	Presented paper and published in proceeding
2014	International Journal	1	"Synthesis,characterization, thermal and antibacterial studies of organotin(IV) complexes with indole-3-butyric acid and indole-3-propionic acid", Asha Chilwal , Priti Malhotra and A. K. Narula, <i>Phosphorus Sulfur Silicon Relat. Elem.</i> 189 ,2014.	INDEXED IN SCOPUS, SCI & CHEMICAL ABSTRACT, IMPACT FACTOR: 2.012
		2	Synthesis Characterization thermal and antibacterial studies of Indol acetic acid and Indole carboxylic	INDEXED IN SCOPUS, SCI

			acid; Asha Chilwal , Priti Malhotra and A. K. Narula; <i>Phosphorus Sulfur Silicon Relat. Elem.</i> 189 , 2014.	&CHEMICAL ABSTRACT, IMPACT FACTOR: 2.012
		3	“Evidence of Cationic Mixing and Ordering in the Honeycomb Layer of Li ₄ MSbO ₆ (M(III) = Cr, Mn, Al, Ga) (S.G. C2/c) Oxides” N. Bhardwaj , A. Gupta, and S. Uma, <i>Dalton Trans.</i> , vol. 43, pp. 12050-12057, 2014.	INDEXED IN SCOPUS, SCI & CHEMICAL ABSTRACT, Impact Factor 4.197
	National Journal		-----	-----
	International Conference			
	National Conference		_____	_____
2013	International Journal	1	“Effectiveness of natural and synthetic polyelectrolytes as coagulant aid in removal of turbidity from different turbid water” ”, J.K Kapoor, Shagufta Jabin , M.S. Bhatia, <i>Journal. Of Industrial pollution control</i> , 29(2) , 261-266, 2013	INDEXED IN SCOPUS & CHEMICAL ABSTRACT, IMPACT FACTOR: 3.4
		2	Effective use of lime and alum along with synthetic polyelectrolyte in treatment of dairy industry wastewater”, ”, J.K Kapoor, Shagufta Jabin , M.S. Bhatia, <i>Poll Research</i> , 32(1) , 39-44, 2013	INDEXED IN SCOPUS, ELSIVIER & CHEMICAL ABSTRACT, IMPACT FACTOR: 3.4
		3	“Diorganotin complexes of carboxylates: Synthesis and characterization”, Asha Chilwal , Gagan Deep, Priti Malhotra and A. K. Narula, <i>J. Coord. Chem.</i> , 66 , 2013.	INDEXED IN SCOPUS, ELSIVIER, SCI & CHEMICAL ABSTRACT, IMPACT FACTOR: 0.82
		4	“Synthesis, characterization, thermal and antibacterial studies of organotin(IV) complexes of amino acids”, <i>Phosphorus Sulfur Silicon Relat. Elem.</i> 188 (2013) 1369.	INDEXED IN SCOPUS, ELSIVIER, SCI & CHEMICAL ABSTRACT,

			IMPACT FACTOR: 2.04
	5	Thermal analysis of new dimethyl/ dibutyltin(IV) compounds with amino acids, Asha Chilwal , Priti Malhotra and A. K. Narula, <i>J. Therm. Anal. Calorim.</i> (DOI 10.1007/s10973-012-2880-7) (2013)	INDEXED IN SCOPUS, ELSIVIER, SCI & CHEMICAL ABSTRACT, IMPACT FACTOR: 2.04
	6	“Single step hydrothermal based synthesis of M(II)Sb ₂ O ₆ (M = Cd and Zn) type antimonates and their photocatalytic properties” J. Singh, N. Bhardwaj , and S. Uma, <i>Bull. Mater. Sci.</i> , vol. 36, Issue 2, pp. 287–291, 2013.	INDEXED IN SCOPUS, SCI & CHEMICAL ABSTRACT, Impact Factor 0.870
National Journal			
International Conference	1	“Synthesis and characterization of novel molybdenum containing oxynitrides” Neha Bhardwaj and Sitharaman Uma <i>International union of materials Research Society (IUMRS)</i> in IISC Bangalore, INDIA.	Poster Presented
	2	“Lithium containing layered mixed metal oxides with honeycomb ordered structures” Akanksha Gupta, Neha Bhardwaj , Vinod Kumar and S.Uma. MTIC-XV held at IIT Roorkee IIT Roorkee, INDIA	Poster Presented
	3	“Effective use of lime along with synthetic polyelectrolyte in treatment of sugar industry effluent”, J.K.Kapoor, Shagufta Jabin and H.S.Bhatia, onchem: frontiers and challenges held on 2 nd -3 rd March, 2013 in the department of chemistry, A.M.U. Aligarh.	Paper presentation
National Conference	1	“Flocculation-Flotation process for the removal of pollutants from food industry waste water”, J.K.Kapoor, Shagufta Jabin , H.S.Bhatia and Nisha Chandna, 50th Convention of Indian chemical society held in collaboration with Punjab university on 4th.	Paper presentation and published in proceeding

			7 th Nov,2013.	
		2	“ Biofuels – Alternative energy resources for present state of science and future development” ShaguftaJabin , R.K.Deb, VibhutiJha National conference on NCSBT in the department of mechanical engineering in Lingaya’s University, Faridabad on 8-9th Nov,2013.	Paper presentation & paper published in proceeding
2012	International Journal	1	Synthesis and Structural Investigation of a Unique Columnar Phase in the Bi ₂ O ₃ –TeO ₂ –V ₂ O ₅ System” V. Thakral, N. Bhardwaj , and S. Uma, <i>Inorg. Chem.</i> Vol. 51, pp. 1462–1470, 2012.	INDEXED IN SCOPUS, SCI & CHEMICAL ABSTRACT, Impact Factor 4.762
		2	“Novel Lithium-Containing Honeycomb Structures” V. Kumar, N. Bhardwaj , N. Tomar, V. Thakral, and S. Uma, <i>Inorg. Chem.</i> Vol. 51, pp. 7945-7947. 2012.	INDEXED IN SCOPUS, SCI & CHEMICAL ABSTRACT, Impact Factor 4.762
	National Journal			
	International Conference	1	“Novel lithium containing mixed metal oxides with honeycomb structures” <u>Neha Bhardwaj</u> , Vinod kumar, Vaishalithakral, and S. Uma <i>Interdisciplinary Symposium of Materials Chemistry held at Bhabha Atomic Research Center (BARC) in. Mumbai, INDIA</i>	Poster Presented
	National Conference	1	“Evaluation of alum and polyelectrolyte combination as coagulant/flocculation aid to treat effluent from dairy industry” , ShaguftaJabin , J.K.Kapoor and H.S.Bhatia “ New Vistas in Chemistry 2012 ” in A.M.U.Aligarh.	Presented paper & published in proceeding
2		“Comparative study of synthetic and natural polyelectrolytes in removal of turbidity from turbid water” ShaguftaJabin , J.K.Kapoor and H.S.Bhatia National conference on Global Challenges: New Frontier In Chemical Sciences, PP3 held on 22 nd – 23 rd September,2012 in the department of chemistry, Kurukshetra University, Kurukshetra	Presented paper & published in proceeding	
3		“Acacia Gum- a natural polymer based electrolyte for electrochemical device”- Shikha Gupta , Sandeep Srivastava and Pradeep K. Varshney. National	Poster Presented	

			Conference on ASEMRE sponsored by MNRE.	
		4	“Mixed Ion conducting composite polymer electrolyte films for electrochemical devices”- Sandeep Srivastava, Shikha Gupta and Pradeep K. Varshney in National Conference on ASEMRE sponsored by MNRE	Published in Proceedings
		5	“Gelatin- based composite polymer electrolyte film for electrochemical devices”- Shikha Gupta , Pradeep K. Varshney in Symposium On Nanotechnology; Interdisciplinary Aspects.	Poster Presented
2011	International Journal	1	“Kinetics And Mechanism of Osmium(VIII)-Catalysed Oxidation of Some Amino Acids (Alanine, Proline) In The Presence of Alkaline Potassium Bromate” Sheila Srivastava, Shalini Singh, Parul Srivastava ; <i>Oxidation Communications</i> 34(1), 20-27 (2011)	INDEXED IN CHEMICAL ABSTRACT Impact factor 0.45
		2	3,1Thiadiazole 2-D quinoline derivatives: synthesis, characterization and anti microbial activity. A.Bhatt, Tazeem and Fareeda Athar. Eur J Med Chem, 46, 3158-3166, 2011.	Elsevier Journal INDEXED IN SCOPUS, SCI & CHEMICAL ABSTRACT, Impact Factor : 3.44
		3	“Application of synthetic polyelectrolytes in turbidity removal from water”, J.K Kapoor, Shagufta Jabin , M.S. Bhatia, <i>J Industrial Res and Technol</i> ”, 2011, 1(2), 114-118, 2011.	INDEXED IN CHEMICAL ABSTRACT, Impact factor: 1.2
		4	“Evaluation of cationic and anionic polyelectrolytes as a Coagulant aid for water quality improvement.” ”, J.K Kapoor, Shagufta Jabin , M.S. Bhatia, <i>Journal of Chemistry and Chemical Science</i> , 1(4), 267-275, 2011	INDEXED IN CHEMICAL ABSTRACT, Impact factor: 2.8
		5	“Natural polymer-based electrolytes for electrochemical devices: a review”, Pradeep K. Varshney, Shikha Gupta , <i>Ionics</i> ,17 , 479–483,2011.	INDEX IN SCOPUS AND CHEMICAL ABSTRACT, Impact Factor 1.72
	National Journal			
	International Conference	1	“Effectiveness of polyelectrolytes as a coagulant aid in removal of turbidity from water” J.K.Kapoor,	Paper presented

			ShaguftaJabin and H.S.Bhatia “ <i>Chemistry: Frontiers and Challenges [under SAP (DRS-I)]</i> ”in the department of Chemistry, A.M.U Aligarh on	
	National Conference			
2010	International Journal	1	“Ru(III) and Ir(III) catalysis in oxidation of butanol by Quinoliniumfluorochromate: A Comparative study” Sheila Srivastava* and Parul Srivastava , <i>Oxidation Communications</i> , 33, 2010.	INDEXED IN CHEMICAL ABSTRACT IMPACT FACTOR 0.45
		2	“Synthesis, spectroscopic and anti-cancer studies of fatty acid analogue of 2, 6-diisopropylphenol”, Ali Mohammad, FauziaBanoFaruqi and Jamal Mustafa, <i>Der Pharma Chemica</i> . 2, 37,2010	INDEXED IN CHEMICAL ABSTRACT, Impact factor: 1.97
		3	“Synthesis, spectroscopic, and in vitro cytotoxic studies of fatty acid analogues of 2, 6-diisopropylphenol”. Ali Mohammad, FauziaBanoFaruqi and Jamal Mustafa, <i>Journal of Cancer Therapy</i> , 1. 124, 2010	INDEXED IN CHEMICAL ABSTRACT, Scopus, Impact factor: 0.55
		4	“Synthesis, characterization, Anti- tumor and Anti-microbial activity of fatty acid analog of 2,6-diisopropylphenol” Ali Mohammad, FauziaBanoFaruqi and Jamal Mustafa, <i>J. Adv. Sci. Res.</i> ,1(2), 12,2010	Elsevier Journal. INDEXED IN CHEMICAL ABSTRACT, Scopus, SCI. Impact factor: 3.54
		5	'Ruthenium(III) Catalyzed Oxidation of Some Sugars(D-Glucose & D-Galactose) in Presence of Alkaline Potassium Bromate', Sheila Srivastava* and Parul Srivastava , <i>Oxidation Communications</i> , 33, 512, 2010	INDEXED IN CHEMICAL ABSTRACT, IMPACT FACTOR 0.45
		6	“Acidic quinoliniumfluorochromate oxidation of oxalic acid and malic acid in the presence of aquachloro complex of ruthenium(III) in acidic medium : A kinetic study, , Sheila Srivastava* and ParulSrivastava , <i>Oxidation Communications</i> , 33(2), 337-344 ,2010.	INDEXED IN CHEMICAL ABSTRACT IMPACT FACTOR 0.45
		7	“Mechanistic study of oxidation of primary alcohols by QuinoliniumFluorochromate using micro-amount	INDEXED IN CHEMICAL ABSTRACT

		of chloro-complex of Ir(III) as a homogeneous catalyst in acidic medium”; Sheila Srivastava and Parul Srivastava <i>An International Journal of Chemistry</i> , 1(1), 11-21 (2010).	IMPACT FACTOR 1.4
	8	“Kinetics and mechanism of oxidation of D-mannitol by potassium bromate in aqueous acidic medium”; Sheila Srivastava and Parul Srivastava ; <i>Der Chemica Sinica</i> , 1 (1), 13-19 (2010).	INDEXED IN CHEMICAL ABSTRACT Impact factor 0.22
	9	Aquachlororuthenium (III) Catalyzed Oxidation of some Sugars by Alkaline Potassium Bromate : A kinetic Study ; Sheila Srivastava, Parul Srivastava and Ashish Kumar <i>An International Journal of Chemistry</i> , 1(2), 87-95 (2010)	INDEXED IN CHEMICAL ABSTRACT Impact factor 1.4
	10	Mechanistic study of oxidation of primary alcohols by Quinolinium Fluorochromate using micro-amount of chloro-complex of Ir(III) as a homogeneous catalyst in acidic medium”; Sheila Srivastava and Parul Srivastava ; <i>IJPAC</i> , 5(4), 283-289 (2010).	INDEXED IN CHEMICAL ABSTRACT Impact Factor 3.386
National Journal	1	“Kinetics And Mechanism Of Oxidation Of Primary Alcohols By Acidic Solution Of Quinolinium Fluorochromate In The Presence of Ru(III) As Homogeneous Catalyst: Sheila Srivastava and Parul Srivastava ; <i>Physical Chemistry : An Indian Journal</i> , 5(1), (2010).	SCI & CHEMICAL ABSTRACT Impact factor 0.6
International Conference	1	“Mechanism of charge removal through polymer bridging for treating Water” .K.Kapoor, Shagufta Jabin and H.S.Bhatia “ Emerging Technologies for sustainable environment ” in the <i>department Of Civil Engg, A.M.U. Aligarh in collaboration with la -sierra University U.S.A and Asia pacific University, Thailand</i> on	Paper presented
National Conference	1	“ Application of Organic Polyelectrolytes in water treatment' Shagufta Jabin and H.S.Bhatia for in The <i>National Symposium on Recent Trends in Chemical Sciences NSRCTS-2010</i> , in the <i>department of chemistry, A.M.U. Aligarh</i> .	poster presentation

MATHEMATICS

Year	Type of Publication		Publication Details	Average citation index and impact factor of publications
2014	International Journal	1	On approximate bounds of zeros of polynomials within and on the unit disc, S. Sripriya, Ajeet Singh, <i>IJRET</i> ,3, 2014	Indexing in Mathematical abstract Impact factor: 2.375
		2	“Generalisation on the zeros of a family of complex polynomial, AjeetSingh,Neha, <i>IJMR</i> ,6,33-97 ,2014	
		3	Annular Bounds for the zeros of complex polynomials,Ajeetsingh,Neha, <i>IJSM</i> ,10,12-15,2014	Indexing in Mathematical abstractImpact factor: 1.163
		4	Zeros of polynomials with extreme coefficients ,S.sripriya, Ajeet Singh, <i>Mathematical Sciences international Research journal</i> , 3, 432-435, 2014	Indexing in Mathematical abstractImpact factor: 2.31
		5	Pulsatile Flow of an Elastico Viscous Fluid through porous medium in a circular pipe under the effect of magnetic field and periodic body acceleration", Anil Kumar, AartiRatra, <i>Mathematical Sciences international Research journal</i> , 3,12-319, 2014	Indexing in Mathematical abstractImpact factor: 2.31
	National Journal			
2014		1	Bifurcation analysis of a host–parasitoid ecological model with the Beddington- DeAngelis functional response,Tanuja Agrawal, Vinti Agarwal, A. K. Singh and S. Sripriya, Lingaya’s <i>Journal of professional Studies</i> ,7(2),2014	

		2	Formulation of algorithm using Trigonometric functions and Fuzzy rules for the solution of Economic Dispatch Problem under uncertainties, Tanchi Sharma, <i>Lingayas journal of professional studies</i> , 2014	
2014	International Conference			
		1	Zeros Polynomials with Extreme Coefficients, Ajeetkumarsingh, International Conference on Mathematics & Engineering Sciences – 2014 (ICMES-2014) Chitkara University Himachal Pradesh, India, March 20 - 22, 2014,	Paper presented
2014	National Conference			
		1	On Approximate Bounds of Zeros of polynomials within a on the Unit Disc, Ajeetkumarsingh, Ms.S.Sripriya, National Conference on Challenges & Opportunities for Technological Innovation in India (COTII-2014), AIMT, Lucknow, 21-22 nd February 2014	
		2	New modified algorithm based on standard deviation for selection of fitness values in genetic algorithm solution of Economic Power Dispatch problem, Ms. Tanchi Sharma, Mr. Ravindra, National Conference on Soft Computing ITS, Gaziabad, 19 th April 2014	
2013	International Journal	1	The zeros of complex polynomial with sharper annular bounds, B.L.Raina, S.K.Sahu and Neha., <i>Int J of Mathematical Archive</i> , 4(3), 108-113, 2013	Indexing in Mathematical abstract Impact factor: 4.091
	National Journal			

		1	Growth Of Zeros Of Polynomial with restricted real coefficients, S.Sripriya, Monika Gadroo, P.K.Raina, B.L.Raina <i>Lingayas Journal Of Professional Studies</i> 7(1),32-35,2013	
	International Conference			
		1	Bounds For The Zeros of a Polynomial with Restricted Coefficients, Ms. Neha, International Conference on Emerging trends and Developments in Science, Management and Technology (ETDSMT-2013)RajkumarGoel institute of technology, Ghaziabad, 11th -12th March, 2013	Paper presented
	National Conference			

2012	International Journals	1	Chaos in a Tumor Growth Model with Delayed Responses of the Immune System, M. Saleem and TanujaAgrawal, <i>J. Appl. Math</i> , 2012	Abstracting in Mathematical abstract, Impact factor: 0.72
		2	Fast convergent modified Newton method, ArunimaKumari “, B.L. Raina, H.B. Singh. K.Archana, <i>Int. Journal of Math. Analysis</i> ,6, 2527-2537, 2012	Abstracting in Mathematical abstract ,H-Index -12
		3	Sharper Bounds for the Zeros of complex polynomials,B.L.Raina, S.Sripriya, P.K.Raina, <i>International Journal of Mathematical Archieve</i> 3(9),3518-3524,2012	Abstracting in Mathematical abstract ,4.091

		4	Complex Dynamics in a Mathematical Model of Tumor Growth with Time Delays in the Cell Proliferation, Saleem&TanujaAgrawal, <i>International Journal of Scientific and Research Publications, 2012</i>	Abstracting in Mathematical abstract ,1.22
		5	Optimal control of the dynamics of a tumor growth model with Hollings' type-II functional,Tanuja Agrawal, M. Saleem and S. K. Sahu, <i>Comp. Appl. Math., SPRINGER</i> , DOI 10.1007/s40314-013-0083-x	Abstracting in Mathematical abstract, Impact factor: 0.473
		6	Complex dynamics in ratio-dependent two predator one-prey model, M. Saleem and TanujaAgrawal, <i>Comp. Appl. Math., SPRINGER</i> , DOI: 10.1007/s40314-014-0115-1	Abstracting in Mathematical abstract, Impact factor: 0.473
2012	National Journals			
		1	Some generalization of EnestromKakeyaTheorm,B.L.Raina, S.Sripriya, S.K.Sahu, P.K.Raina, <i>Research Journal of Pure Algebra,20(10),305-311,2012</i>	
		2	The Numerical Approach of Convection—Diffusion Equations , <i>Krishna Kumar Lingayas Journal of Professional Studies 13(1),30-38,2012</i>	
		3	Mathematical treatments of the solution of Classical & Generalized Brachistochrone problems and related Calculus of Variance results". Krishna Kumar, <i>Advances in Agriculture, Sciences and Engineering Research (AASER),2(6),207-223,June 2012</i>	Impact factor: 0.455
2012	International Conference	1	Some Results on Zeros of Complex Polynomials, Ms Neha, International conference on history and develop sciences (ichdms-2012) and symposium, MDU, Rohtak, 21st-24th November,2012	Paper presented

		2	Common Fixed point theorem in Fuzzy 2- Metric Space, S.K. Sahu, 8-10, JamiaMilliaIslamia, New Delhi ,September , 2012,	Paper presented
		3	Tilted Bianchi type – I viscous fluid cosmological model, S K Sahu, Department of Math., United Arab Emirates, Al-Ain, Dubai, 11-14, March, 2012	Paper presented
2012	National Conference			
		1	Some Results on Zeros of Complex Polynomials Using Enestrom-Kakeya Theorem, Ms Neha, 11 th biennial conference ^o of the Indian society of Industrial and applied mathematics Gautam Buddha University ,15th-16th Dec 2012	Paper presented
2011	International Journal			
		1	Chaos in a tumour growth model with delayed responses of the immune system, M. Saleem&TanujaAgrawal, <i>Hindawi Publishing Corporation, Journal of Applied Mathematics</i> , 2011	indexing Mathematical abstract, Impact factor: 0.72
		2	Tilted LRS Bianchi Type – I Mesonic Stiff Fluid Cosmological Model, S .K. Sahu, <i>Int. J. of theoretical Physics</i> , 50, 3368–3374,2011	indexing in Mathematical abstract, Impact factor: 1.188
2011	National Journal			
		1	Study on Fuzzy numbers,Anil Kumar, <i>Lingayas Journal of Professional Studies</i> , 3(1),38-45,2011	
2010	International Journals			
		1	Tilted Bianchi type VI0 cosmological model in Saez and Ballester scalar tensor theory of 1gravitation, S .K	Abstracting in Mathematical abstract, Impact

			Sahu, <i>J. of Modern Physics</i> ,1, 67-69,2010	factor: 0.78
		2	Numerical and Experimental study of mitigation of welding distortion,. M. Adak, <i>Applied Mathematical Modeling</i> ,34, 146-158,2010	Abstracting in Mathematical abstract ,2.15
		3	Sharper Bounds for the Zeros of Polynomials Using Enestrom-Keakeya Theorem, B. L. Raina, H.B. Singh, Arunima, <i>Int. Journal of Mathematical Analysis</i> ,4,861-872,2010	Abstracting in Mathematical abstract ,
		4	Application of advanced programmable logic controller(PLC) in the Automation of Industry, Vinod Sharma, J.P. Kaushik, <i>International Journal of Applied engineering research</i> ,5,2010,1009-1016	Abstracting in Mathematical abstract
2010	National Journals	1	Steady Temperature distribution in a channel of small gap, Nand Lal Singh, Ajeet Kumar Singh, <i>Purvanchal Academy of Sciences</i> ,2010	
		2	To Study the variation of pressure gradient in the tapered tube,Nand Lal Singh, Ajeet Kumar Singh, <i>Purvanchal Academy of Sciences</i> , 2010	
	International Conference			

2010	National conference	1	Tilted Bianchi type V cosmological model in Saez and Ballester theory, S.K Sahu, Deaprtment of Science, Agrawal College, Ballabgarh, Faridabad, 27-28, March-2010	Paper presented
		2	Reliability Analysis of three Independent and Non identical Units Hot Stand by system with preventive and corrective maintainence using Regenerating point techniques", Krishna Kumar, National Conference On Applications of Mathematics To Science & Technology-	Paper presented

			2010	
		3	Tilted Bianchi Type – I Cosmological Model In Lyra Manifold , . S.K Sahu, National Conference On Applications of Mathematics To Science & Technology-2010, 12-13, May-2010	Paper presented
		4	Tilted Bianchi Type – I stiff fluid cosmological model in Lyra Geometry, S K Sahu, National Institute of Technology, Hamirpur, 18 – 21, December, 2010	Paper presented
		5	Explicit Minimum Variance formula for close type integration and interpolatoion, BL Raina, HB Singh, PK Raina, National Conference On Applications of Mathematics To Science & Technology-2010, 12 th 13 th May 2010	Paper presented
		6	Computational form of Binachi Type-1 Dust Fluid Cosmological model in general reativity, KL Moza, BL Raina, HB Singh SP Verma, National Conference On Applications of Mathematics To Science & Technology-2010, 12 th 13 th May 2010	Paper presented
		7	Insulin analysis of Diabetic patients using cellular automata based on linear differential equation, Tapas Kumar, G Sahu ,BL Raina, National Conference On Applications of Mathematics To Science & Technology-2010, 12 th 13 th May 2010 Paper presented	Paper presented
		8	Fuzzy approach to edge detection of binary images using cellular aotomata, Tapas Kumar BL ,Raina ,H B Singh, National Conference On Applications of Mathematics To Science & Technology-2010, 12 th 13 th May 2010	Paper presented
		9	A study of magnetic effect on blood flow in artery, Sultan Ahmad Naseem Ahmad Jay Pal Singh, National Conference On Applications of Mathematics To Science & Technology-2010, 12 th 13 th May 2010	Paper presented
		10	Fuzzy Mathematical Approach to meteorology, Anil Kumar B P Kumar, National Conference On Applications of Mathematics To Science & Technology-2010, , 12 th 13 th May 2010	Paper presented
		11	Fuzzy functions and some characterization, Hakimuddin	Paper presented

			Khan, National Conference On Applications of Mathematics To Science & Technology-2010, 12 th 13 th May 2010	
		12	Non Differentiable problems of vector optimization involving g d - α -Invex function, Sanjay Oli, RB Singh, National Conference On Applications of Mathematics To Science & Technology-2010, 12 th 13 th May 2010	Paper presented
		13	Swarm Intelligence for classification of remotely sensed image, Ritu Raj, Naresh, H B Singh, National Conference On Applications of Mathematics To Science & Technology-2010, 12 th 13 th May 2010	Paper presented

ENGLISH

Year	Type of Publication		Publication Details	Average citation index and impact factor of publications
2015	International Journal	1	Lingaya's International Refereed Journal of English Language & Literature by Dr.Omana Antony.	ISSN 2348-1617
	International Conference	1	Dr.Omana Antony " A Comparative Study of The Nature and Motives of the Confessional Writings of Kamala Das & Sylvia Plath" in conference on Comparative Literature & Culture.	Presented paper
		2	Dr.Omana Antony "Quality & Quantity- The Complementary Components of Effective English Language Acquisition" in the International Conference on "Learning and Teaching English in India: Setting Standards" on 9-11 July 2015 at Raj Kumar Goel Institute of Technology for Women, Ghaziabad	Paper Presented
	National Conference	1	Dr.Omana Antony " A Profile of An Indian Woman" organised by Karnataka State Women's University, P.G. Studies & Research Centre.	Plenary Talk
		2	Dr.Omana Antony "Need of Multilingualism in Inclusion" at NCERT, New Delhi.	Plenary Talk
		3	Dr.Omana Antony "Language , Literature & Culture" by MRIU, Faridabad and presented paper on "Identity Loss and the Pain of Displacement – A Study of the Issues of Diaspora in <i>Manhattan Music</i>	Presented paper

2014	International Journal	1	"Indian Femininity in the Diaspora: A Study of Meena Alexander's Manhattan Music ", Dr.OmanaAntony , <i>IJELL</i> (ISSN-2321-1164), 2014.	Impact factor – 1.021
		2	"Pariah Consciousness: A Study of The Untouchable & The God of Small Things " Dr.Omana Antony, <i>ArsArtium</i> (ISSN: 2319-7889), 2014.	
		3	"A Comparative Study of Improvement in Writing Skill of Secondary School Students Using Self Regulated Strategy Model and Conventional Mode of Instruction" Kirti Aggarwal, <i>The International Journal of Humanities & Social Studies</i> , (ISSN:2321 – 9203), 2014.	
		4	"Development and Evaluation of Self Regulated Strategy Material for Improving Writing Skill of Secondary School Students" Kirti Aggarwal, <i>International Journal of Social Science & Interdisciplinary Research</i> , (ISSN:2277-3630), 2014.	Impact factor-3.504, Indexing WZB, Open J-Gate, Electronic Journals Library, University Library of Regensburg, Zeitschriftendatenbank-ZDB: German Journal Databank
		5	"Teaching Poetry through Visualization – An Effective Tool for Language Generation" Dr.OmanaAntony , <i>ADHIKAR</i> –(ISSN 2231-2552), 2014.	
		6	"English Language Teaching in Professional Courses: A Practical Approach", Dr.Omana Antony, <i>The Confluence Journal</i> , 2014	ISSN- 2250 - 138X
	National Journals	1	"Time The Destroyer Is Time The Preserver: The Representation of Partition in Anita Desai's Clear Light of The day", Dr. Rashmi Gupta, <i>Cenacle: A Peer Reviewed Annual Journal of English Literature and Language</i> , Nagpur, Vol.1, No.4 (ISSN:2231-0592),2014.	Nil

		2	“Emerging Technology and Innovation in Library information services” Dr. Rashmi Gupta, 2014	Nil
	International Conference	1	Dr.Omana Antony "ELT Curriculum- A Futuristic Perspective ", International Conference on Role of ELT in Education for Sustainable Development by Amity University, Lucknow , 24 &25 May 2014.	Paper Presented
		2	Language, Literature & Library: Disruptive Digressions & Digital Dimensions on 22 & 24 January 2014 by Manipal University, Jaipur Dr.Omana Antony presented paper on “Complementary Role of Language & Literature in Language Acquisition”	Paper Presented
	National Conference	1	Dr.Omana Antony "HigherEducation”,CEGR, Mr. Philip Roshan,New Delhi, July 17,2014.	Attended
2013	International Journal	1	Dr.Omana Antony“Indianism in Nissim Ezekiel: A Study of <i>Night of the Scorpion, The Professor and The Patriot</i> ” in VIRTUOSO: A Refereed Transnational Bi-annual Journal of Language and Literature in English.	ISSN 2249-6076-
		2	Dr.Omana Antony “A Study of Feminine Issues in God of Small Things” in IJSSIR, International Refereed Journal, November 2013	Impact Factor-3.504

		3	"Struggling With Her (Personal) Demons: A Study of The Existential Predicament of Women in The Novels of Margaret Laurence" Dr. Rashmi Gupta, <i>SHODH-DHARA: A Quarterly Research Journal of Humanities and Social Sciences</i> .	ISSN: 0975-3664
		4	"Vikram Seth's A Suitable Boy: A Study of its Themes" "Ms. Rashmi Rani, <i>PRATIBHA Research journal of humanities</i> , Allahabad, U.P.	ISSN-0974-522X, Vol.: 4, No.: 21,2013
		5	"Struggling With Her (Personal) Demons: A Study of The Existential Predicament of Women in The Novels of Margaret Laurence" Dr. Rashmi Gupta, <i>SHODH-DHARA: A Quarterly Research Journal of Humanities and Social Sciences</i> .	ISSN: 0975-3664
	National Journal		Nil	
	International Conference	1	Dr.Omana Antony "Empowering the English Language Class room" at Malaviya Nagar MNIT, Jaipur on 18 & 19 January 2013:- A Workshop on "Language through Literature: A Practical Method of Language Teaching"	Paper Presented
		2	Dr.Omana Antony Reinventing Thinking Beyond Boundaries to Excel on 6 April by IMT Faridabad, presented paper on "Teacher Training: Pre-Service & Inservice"	Paper Presented
		3	Dr.Omana Antony WHO, WHAT, HOW: ELT in the Global Context, on 18 & 19 May 2013 by Amity University, Lucknow, presented a paper on "Strategies for Successful Language Acquisition"	Paper Presented

		4	Dr.Omana Antony "Soliloquies in Hamlet: A Means of Self-Revelation ",International Conference on "Quest for Identity in English Literature" by MRIU, Faridabad ,30 Nov,2013	Paper Presented
	National Conference	1	Dr.Omana Antony, NAAC Sponsored National Conference on "Quality Assurance: Need of the Era" by the KRC of Higher Education, Narela, Delhi on 31 May. Presented paper on " A Quality English Language Teacher".	Paper Presented
		2	Dr.Omana Antony, "Voice of the Voiceless: Subaltern Writings in English" on 16 & 17 Feb, 2013 by Brahmavart PG College, Mandhana, Kanpur; presented paper on "Pariah Consciousness: Study of Untouchable & God of Small Things"	Paper Presented
		3	Dr.Omana Antony, "Leadership in the Classroom" in the National Conference on Innovative Practices in Management Studies" organized by the Lingaya's University, Faridabad on 22 Nov. 2013.	Paper Presented
2012	International Journal	1	Dr.Omana Antony "Elements of Mysticism in Dickinson's Poetic Technique" (Co-authored) published in NEW ACADEMIA: An International Journal of English Language, Literature and Literary Theory: A Refereed Journal, 2012.	ISSN 2277-3967
		2	Dr.Omana Antony, "Complementary Role of Teacher & the Society in the Education of Children" Lingaya's Journal of Professional Studies, 2012.	ISSN 0975-539X
		3	Dr.Omana Antony, "The Role of the English Teachers : An Overview" in theInternational Journal of Social Sciences and Interdisciplinary Research,2012.	ISSN ONLINE: 2277-3630
		4	Dr.Omana Antony, "God of Small Things: A Tale of the Marginalized" in Subaltern Speak – An International Refereed Journal of Postcolonial Studies, 2012.	ISSN 2277-3959

		5	Dr.OmanaAntony,“The Image of New Woman in Anita Nair’s <i>Ladies Coupe</i> ” in <i>The Literati- A Peer Reviewed Journal of Language & Literature</i> , 2012.	ISSN 2248-9576
		6	Dr.Omana Antony &SuchiDiwan, “Emily Dickinson’s Perspectives on Death: A Study of Emily Dickinson’s Poems on Death” co-authored inLapis Lazuli -An International Literary journal, 2012.	ISSN 2249-4529
		7	Dr.Omana Antony, “Narrative Technique in Anita Nair’s <i>Ladies Coupe</i> ” to publish in VIRTUOSO: A Refereed Transnational Bi-annual Journal of Language and Literature in English, 2012.	ISSN 2249-6076
		8	Dr.Omana Antony, “How to Make English Teaching & Learning A Pleasant and Exciting Experience for Technical Students” International Conference Proceedings of Vel Tech University, Chennai.	Nil
		9	Dr.Omana Antony, “Skills, Roles and Challenges of a Language Teacher in Technical Education” in the International Conference proceedings on <i>Role And Responsibilities of Humanities in Technical Education</i> by SRM Universities Gaziabad, 2012	Nil
		10	"Escape as Evolution in Margaret Laurence’s <i>The Fire Dwellers</i> and Anita Desai’s <i>Where Shall We Go This Summer?</i> " Dr.Rashmi Gupta, <i>SHODH-DHARA: A QUARTERLY Research Journal of Humanities and Social Sciences</i> , No. 1, 2012.	ISSN: 0975-3664
	National Journal	1	"Complementary Role of Teacher & the Society in the Education of Children Dr.Omana Antony ", <i>Lingaya’s Journal of Professional Studies</i> ,October 2012 Issue	ISSN 0975-539X
		2	"Complementary Role of Teacher & the Society in the Education of Children ", Dr.Omana Antony," <i>Lingaya’s Journal of Professional Studies, Journal of Professional Studies</i> , October 2012 Issue	ISSN 0975-539X
		3	"The Image of New Woman in Anita Nair’s <i>Ladies Coupe</i> ", <i>The Literati- Dr.Omana Antony, A Peer Reviewed Journal of Language & Literature</i> ,Dec.2012 Issue	ISSN 2248-9576

		4	"Narrative Technique in Anita Nair's Ladies Coupe ",VIRTUOSO: Dr.Omana Antony A Refereed Transnational Bi-annual Journal of Language and Literature in English, November 2012 Issue	-ISSN 2249-6076
		5	"Skills, Roles and Challenges of a Language Teacher in Technical Education "Dr.Omana Antony, Role And Responsibilities of Humanities in Technical Education by SRM Universities , 2012.	Nil
		6	"Class-room Management & Its Effectiveness" in Conference Proceeding of U.G.C Sponsored national conference on "Models of Teaching" Dr.OmanaAntony , 2012.	Nil
		7	"Escape as Evolution in Margaret Laurence's The Fire Dwellers and Anita Desai's Where Shall We Go This Summer?" Dr.Rashmi Gupta, SHODH-DHARA: A QUARTERLY Research Journal of Humanities and Social Sciences, No. 1, 2012.	ISSN: 0975-3664
		8	"Mystical Treatment of Love in Emily Dickinson's Poetry" -Co-authored Research Spectrum – Dr.Omana Antony &SuchiDiwan, A Peer Reviewed National Journal February 2012	-ISSN 0976-5964-
	International Conference	1	Dr.Omana Antony, "Technology for Professional Development of Teachers in English" ",Hi-tech , Lo-tech, No-tech: Learning Technologies in Practice at H.M.Patel Institute, Gujarat.	Paper Presented
		2	Dr.Omana Antony , "How to Make Teaching & Learning of English a Pleasurable Experience for Technical Students ",ICOPE-2012 at Vel Tech. University, Chennai	Paper presented
		3	Dr.Omana Antony , "Skills, Roles and Challenges of a Language Teacher in Technical Education ", Role & Responsibilities of Humanities & Social Sciences in Technical Education at SRM University, Ghaziabad	Paper presented
		4	Dr.Omana Antony , "Skills, Roles and Challenges of a Language Teacher in Technical Education ", Role & Responsibilities of Humanities & Social Sciences in Technical Education at SRM University, Ghaziabad	Paper presented

		5	Dr.Omana Antony presented paper “Teacher Training: Pre-Service & Inservice” in conference titled “Reinventing Thinking Beyond Boundaries to Excel” on 6 April organised by IMT Faridabad.	Paper presented
	National Conferences	1	Ms.RashmiRani , "Edward Albee’s Social Vision ",56th All India English Teachers’ Conference in Association with ‘Association for English Studies of India’.	Paper presented
		2	Dr.Omana Antony , "Class-room Management & Its Effectiveness ",Models of Teaching, MES College, Kerala	Paper presented
		3	Dr.Omana Antony, "Reflective Practice in the English Classroom	Paper presented
		4	Supriya Dang, "Role of ICT In Teacher Education", Vaishno College of Education, Thapkour (Himachal Pradesh),	Paper presented
2011	International Journals	1	"Family Values in the Indian Diaspora:- A Study of Meena Alexander's Manhattan Music " Dr.Omana Antony, <i>International Journal of Culture, Literature and Criticism</i> ’ (IJCLC), 2011	–ISSN: 0976-1608
		2	"Female Characterization in Anita Nair", Dr.OmanaAntony , <i>International Journal of Culture, Literature and Criticism</i> ’(IJCLC 1608), 2011.	–ISSN: 0976-
	National Journals		Nil	
	International Conference		Nil	
	National Conference	1	Dr.OmanaAntony, "Complementary Role of Teacher & the Society I the Education of a Child ",EDUVISION-2011 at Lingaya’s University, Faridabad.	Paper Presented
		2	Ms.Rashmi Rani , "Edward Albee’s Social Vision ",56th All India English Teachers’ Conference in Association with ‘Association for English Studies of India’	Paper Presented
		3	Dr Swati Chauhan, “Downfall in the standards of Higher Education” at UGC national seminar organized by SBD Degree college Dhampur, Bijnor	Paper Presented
		4	Dr.Omana Antony, NAAC Sponsored National Conference on “Quality Assurance: Need of the	Paper Presented

			Era” by the KRC of Higher Education, Narela, Delhi on 31 May. Paper “ A Quality English Language Teacher”.	
2010	International Journal		Nil	
	National Journal		Nil	
	International Conference	1	Ms.Rashmi Rani , "Post Colonial Literature ", An International conference sponsored by U.G.C. organized by Chaudhary Charan Singh University, Meerut	Paper presented
	National Conference	1	Dr.Omana Antony , "“ The Image of New Women: A Study of Anita Nair’s Ladies Coupe”", Theory at Work: Text, History and Culture at BHU, Varanasi	Paper presented
		2	Mr. Danish Shafi , "Attended ", National seminar on "Inhabiting This Hour: John Milton, His Bequest, 1608-2010" at the South Campus, University of Delhi.	Paper presented