

Shaheed Rajguru College of Applied Sciences for Women

Research Papers in Journals and Conferences (July 2018- June 2019)

Department	Name of the Faculty	Title of the paper	Author/s	Journal's name and details	Country of publication	Name of the conference and details of the organizers if full paper is published in the proceedings	Peer reviewed Yes/No	Indexing WoS, Scopus, PUBMED, ICI etc.	Included in UGC list or not	*No. of citations
Biochemistry	Dr. Astha Giri	Lack of association of novel mutation Asp397Gly in aftB gene with ethambutol resistance in clinical isolates of Mycobacterium tuberculosis.	Astha Giri , Safi H, Cabibbe AM, Gupta S, Narang A, Tyagi G, Shrivastava K, Kumar C, Kumar Sharma N, Lingaraju S, Trovato A, Battaglia S, Cirillo DM, Bose M, Alland D, Varma-Basil M.	Tuberculosis	India		YES	PUBMED	YES	NIL
Biomedical sciences	Dr. Radhika Bakhshi	Pattern of mitochondrial D-loop variations and their relation with mitochondrial encoded genes in pediatric acute myeloid leukemia	Tyagi A, Pramanik R, Vishnubhatla S, Ali S, Bakhshi R , Chopra A, Singh A, Sameer Bakhshi.	Mutation Research 2018 July;810:13-18.		NA	Yes	Pubmed	Yes	03
		Prognostic	Tyagi A,	Oncotarget.		NA	Yes	Pubmed	Yes	

		impact of mitochondrial DNA D-loop variations in pediatric acute myeloid leukemia.	Pramanik R, Vishnubhatla S, Bakhshi R , Bakhshi S.	2019 Feb 12;10(13):1334-1343.						
		Apoptosis: A biomarker of high-risk phenotype in pediatric acute myeloid leukemia?	Tyagi A, Pramanik R, Bakhshi R , Vishnubhatla S, Bakhshi S.	International Journal Laboratory Hematology 2019 Feb;41(1):141-147.		NA	Yes	Pubmed	Yes	
	Dr. Varsha Mehra	Investigating Anti-oxidant and Anti-diabetic activity of leaf extracts of <i>Justicia adhatoda</i> and <i>Murraya koenigii</i>	Mishra. S., Khatri. M., and Mehra. V.	International Research Journal of Biological Sciences (2019); 8(5);2278-3202		NA	Yes	Not indexed	Yes	Nil
	Dr. Indu Arora	Hierarchically Grown NiO-Decorated Polyaniline-Reduced Graphene Oxide Composite for Ultrafast Sunlight-Driven Photocatalysis	Ahuja P, Ujjain S K, Arora I , Samim M.	ACS Omega; 2018, 3(7), 7846-7855		NA	Yes	Scopus	Yes	04
	Dr. Manisha Khatri	Investigating Anti-oxidant and Anti-diabetic activity of leaf extracts	Mishra. S., Khatri. M. , and Mehra. V.	International Research Journal of Biological Sciences		NA	Yes	Not indexed	Yes	Nil

		of <i>Justicia adhatoda</i> and <i>Murraya koenigii</i>		(2019); 8(5); 2278-3202						
Chemistry	Dr. Jasjeet Kaur	Phase transfer catalysis in the aid of fingerprint development	G.S. Sodhi, JasjeetKaur	<i>Arab Journal of Forensic Sciences and Forensic Medicine</i> 2019 , 1, 1185-1188	Saudi Arabia	NA	Yes	Scopus	Included	64
		Oil red O reagent for detection of latent fingerprints: A review	G.S. Sodhi, JasjeetKaur	<i>Egyptian Journal of Forensic Sciences</i> 2019 , 9, 1-7	Egypt	NA	Yes	Scopus	Included	
		The forgotten Indian pioneers of fingerprint science: Fallout of colonialism	G.S. Sodhi, JasjeetKaur	<i>Indian Journal of History of Science</i> 2018 , 53, T184-T190	India	NA	Yes	INSA	Included	
Dr. Deepak Kumar	Synthesis, antiamebic activity and docking studies of metronidazole-triazole-styryl hybrids	BeenaNegi, PrijaPoonan, Mohammad Fawad Ansari, Deepak Kumar , SakshiAggarwal, Ramandeep Singh, Amir Azam, Diwan S. Rawat	European Journal of Medicinal Chemistry 150 (2018) 633-641	France	NA	Yes	Elsevier	Included		
		<i>N</i> -Substituted aminoquinoline-pyrimidine hybrids: Synthesis, <i>in</i>	Shiv S. Maurya, AparnaBahuguna, Shabana I. Khan, Deepak Kumar ,	European Journal of Medicinal Chemistry 162 (2019)	France	NA	Yes	Elsevier	Included	

		<i>vitro</i> antimalarial activity evaluation and docking studies	RohitKholiya, Diwan S. Rawat	277-279						
	Dr. Komal Aggarwal	Development of a novel protocol for chemoselective protection of <i>N/O</i> -benzyloxycarbonyl (Cbz) at ambient temperature	Mohit Saroha, Komal Aggarwal , Gaurav Bartwal, Jitender M. Khurana	Monatshefte für Chemie - Chemical Monthly, December 2018, Volume 149, Issue 12, pp 2231–2235.	Germany ISSN: 0026-9247	NA	Yes	Scopus	Yes	1
		A highly selective switchable colorimetric fluorescent rhodamine functionalized azo-phenol derivative for thorium recognition up to nano molar level in semi-aqueous media: Implication towards multiple logic gates	Gaurav Bartwal, Komal Aggarwal , Jitender M. Khurana	Journal of Hazardous Materials Volume 360, 15 October 2018, Pages 51-61	Netherlands	NA	Yes	Scopus	Yes	2
	Dr. Mukesh Kumar	A selective 'turn-on' fluorescent chemosensor for detection of Al ³⁺ in aqueous medium:	Mukesh Kumar , A. Kumar, Md. S. H. Faizi, S. Kumar, M. K. Singh, S.K. Sahu S. Kishor, R. P.	Sensor & Actuators B, 260 (2018) 888–899, Impact factor 6.39	Netherlands			SCI	Yes	17

		Experimental and theoretical studies	John							
	Dr. Anjeeta Rani	Changing relations between proteins and osmolytes: a choice of nature	Anjeeta Rani and Pannuru Venkatesu	<i>Phys. Chem. Chem. Phys.</i> , 2018 , 20, 20315-20333	England	NA	Yes	Yes	Yes	1
Computer Science	Deepali Bajaj	PaaS Providers and their offerings	Urmil Bharti, Deepali Bajaj , Anita Goel, S. C. Gupta	N/A	India	International Conference on Computational Intelligence and Data Analytics (ICCIDA-2018)	Yes	Scopus	Yes	
	Urmil Bharti	PaaS Providers and their offerings	Urmil Bharti , Deepali Bajaj, Anita Goel, S. C. Gupta	N/A	India	International Conference on Computational Intelligence and Data Analytics (ICCIDA-2018)	Yes	Scopus	Yes	
	Neha Gandhi	[In-Press] Multi-Release Software Reliability Growth Assessment: An approach incorporating Fault Reduction Factor and Imperfect Debugging	Anu G. Aggarwal, Neha Gandhi , Vibha Verma, Abhishek Tandon	International Journal of Mathematics in Operational Research	N/A	N/A	Yes	Scopus (Elsevier),	Yes	
	Dr. Abha Jain	Defect Prediction by	Abha Jain	Journal of Emerging	N/A	N/A	Yes	Google Scholar,	Yes	

		Analyzing Software Project Reports using Logistic Regression		Technologies and Innovative Research (JETIR)						
		Application of Boosting, Bagging and Blending to Predict Severity of Security Defects	Ankita Bansal, Abha Jain	N/A	Hungary	4th International Conference on Recent Multidisciplinary Research (ICRMR)	Yes	-	N/A	
		Analysis of Sampling Approach to Balance Data for Change Prediction	Ankita Bansal, Abha Jain	N/A	India	International Conference on Computing, Power and Communication Technologies (GUCON)	Yes	-	N/A	
Department of Management and Financial Studies	Dr. Nidhi Nijhawan Dhaka	A discrete SRGM for multi-release software system with faults of different severity	AG Aggarwal, PK Kapur, N Nijhawan	Int.J.Operational Research, Inderscience	UK		Yes	Scopus	Yes	1
		Reliability Growth Analysis for Multi-release Open Source Software Systems with Change Point	AG Aggarwal, V Dhaka, N Nijhawan	System Performance and Management Analytics, Springer(Book Chapter)	USA		Yes	Scopus	Yes	1
		An SRGM for multi release Open Source Software System	N Nijhawan , AG Aggarwal, V Dhaka	Int. J. Innovation and Technology Management, World Scientific	Singapore		Yes	Scopus	Yes	1
	Dr.	Social	Handa, D.	The IUP	India		Yes	Cabell's	Yes	

	DimpyHanda	Intelligence, Cultural Intelligence and Occupational Success: A Review of Literature		Journal of Soft Skills, Vol. 2 XII, No. 3, 2018				Directory		
	Ms. Sanjana Monga	Impact of Activity Based Costing Technique and ABCM on various Managerial Decisions (A conceptual Study)	Monga, S.	GIS Business Vol 14(3), June 2019	India		Yes	Copernicus	Yes	
	Amit Kumar	Trend of national Taxation with price and Inflation	Amit Kumar	JASC: Journal of Applied Science and Computations	India	NA	Yes	No	Yes	
Electronics	Dr. Amita Kapoor	Assistance System (AS) for Vehicles on Indian Roads: A Case Study	Neha Soni, EnakshiKhular Sharma, Narotam Singh, AmitaKapoor	Advances in Intelligent Systems and Computing (Vol 876)	Singapore		Yes	SCOPUS	Yes	53
		<i>Application of Hopfield Neural Network for Facial Image Recognition</i>	Neha Soni, EnakshiKhular Sharma, AmitaKapoor	International Journal of Recent Technology and Engineering (Vol 8)	India		Yes	SCOPUS	Yes	
	Monika Tyagi	Analytical and computational studies of the nonlinear vibrations of	Monika Tyagi, Ayub Khan, Mushahid Husain and SaminaHusain	Chaos: An Interdisciplinary Journal of Nonlinear	USA		Yes	SCI Indexed	Yes	

		SWCNTs embedded in viscous elastic matrix using KBM method		Science Publisher: American Institute of Physics						
		Resonant and non-Resonant solutions of the non-linear vibration of single wall carbon nanotube embedded in viscous elastic matrix using KrylovBogoliubov and Mitropolsky method	Monika Tyagi, Ayub Khan, Mushahid Husain and Samina Husain	Springer Proceedings of Physics Publisher: Springer		International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by Solid State Physics Laboratory and IIT Delhi	Yes	Scopus Indexed		
Food Tech.	Dr. Ranjana Singh	Total phenolic & flavonoid content & antioxidant activity of amaranth based cookies	Ms.Para Dholakia Dr Anupa Siddhu Dr Ranjana Singh	Journal of Emerging Technologies & Innovative Research (JETIR) ISSN: 2349-5162	India	NA	Yes	NA	Yes	19
	Ms Para Dholakia	Total phenolic & flavonoid content & antioxidant activity of amaranth based cookies	Ms.Para Dholakia Dr Anupa Siddhu Dr Ranjana Singh	Journal of Emerging Technologies & Innovative Research (JETIR) ISSN: 2349-5162	India	NA	Yes	NA	Yes	
	Ms	1 A study on the	Ms Vandana	Journal of	India	NA	Yes	NA	Yes	

	Vandana	effect of sonication on the reduction of pesticide residues in cabbage”	Ms Ragya Kapoor	Emerging Technologies & Innovative Research (JETIR)ISSN: 2349-5162						
		Development of fermented beverage from fruit and vegetable pomace	Prabhjot Kaur Sabharwal and Satakshi Aggarwal	Journal of Emerging Technologies & Innovative Research (JETIR) ISSN: 2349-5162	India	NA	Yes		Yes	3
		Preparation and characterization of antimicrobial, biodegradable, triclosan-incorporated polyhydroxybutyrate-co-valerate films for packaging applications	Prabhjot Kaur Sabharwal , Sruti Chattopadhyay, and Harpal Singh	Journal of Applied Polymer Science ISSN: 0021-8995	United States	NA	Yes	SCOPUS	Yes	
		Sausage: probiotics, microencapsulation and postbiotic invasion	Prabhjot Kaur Sabharwal and Satakshi Aggarwal	Asian Journal of Research in Chemistry and Pharmaceutical Sciences ISSN: 2349-7106	Netherlands		Yes	Scopus	Yes	
		Functionalized Polymeric	Sruti Chattopadhyay,	Analytica Chimica	Netherlands	NA	Yes	Scopus	Yes	

		Magnetic Nanoparticle Assisted SERS immunosensor for the Sensitive Detection of S. typhimurium	Prabhjot Kaur Sabharwal , Swati Jain, Avneet Kaur and Harpal Singh	Acta ISSN: 0003-2670						
	Mr Twinkle Kumar Sachchan	A study of consumer behavior towards E-purchase of Food	Vikas Saxena and Twinkle Kumar Sachchan	Journal of Emerging Technologies & Innovative Research (JETIR) ISSN: 2349-5162	India	NA	Yes	NA	Yes	
		Organic Farming in India : An Overview	Onkar K Suryawanshi, Shilpa B Bansode and Twinkle Kumar Sachchan	Journal of Emerging Technologies & Innovative Research (JETIR) ISSN: 2349-5162	India	NA	Yes	NA	Yes	
		Influence of Food Consumption routine on type 2 diabetes mellitus	Vikas Saxena, Sandip T Gaikwad, Twinkle Kumar Sachchan and Shilpa B Bansode	The Pharma Innovation ISSN: 2277-8242	India	NA	Yes	NA	Yes	
Instrumentation	Dr. Sneha Kabra	Impact of Different Localized Trap Charge Profiles on the Short Channel Double gate Junctionless	Neha Garg, Yogesh Pratap, Mridula Gupta and Sneha Kabra	Elsevier-AEU - International Journal of Electronics and Communica	India	-	Yes	-	Yes	0

		Nanowire Transistor based Inverter and Ring Oscillator Circuit		tions Volume 108, August 2019, Pages 251-261 Impact Factor: 2.85 3						
		Comparative analysis of oxides to improve performance of DC-MOS-HEMTs	Praveen Pal, Yogesh Pratap, Mridula Gupta and SnehaKabra	--	--	IEEE International Conference on Modeling of System Circuits and Devices (MOS-AK India 2019) February 25 th to 27 th 2019, IIT - Hyderabad .	Yes	--		
		Analysis of Interface Trap Charges of Double Gate Junctionless Nanowire Transistor (DG-JNT) for Digital Circuit Applications	Neha Garg, YogeshPratap, Mridula Gupta and Sneha Kabra	-	India	IEEE Electron Device Kolkata Conference, 24 th -25 th , November 2018, India.	Yes	-		
	Ms. Neha Garg	Impact of Different Localized Trap Charge Profiles on the Short Channel Double gate Junctionless Nanowire	Neha Garg , YogeshPratap, Mridula Gupta and SnehaKabra	Elsevier-AEU - International Journal of Electronics and Communications	India	-	Yes	-	Yes	0

		Transistor based Inverter and Ring Oscillator Circuit		Volume 108, August 2019, Pages 251-261 Impact Factor: 2.853						
		Analysis of Interface Trap Charges of Double Gate Junctionless Nanowire Transistor (DG-JNT) for Digital Circuit Applications	Neha Garg, YogeshPratap, Mridula Gupta and SnehaKabra	-	India	IEEE Electron Device Kolkata Conference, 24 th -25 th , November 2018, India.	Yes	-		
	Dr. Yogesh Pratap	Impact of Different Localized Trap Charge Profiles on the Short Channel Double gate Junctionless Nanowire Transistor based Inverter and Ring Oscillator Circuit	Neha Garg, Yogesh Pratap, Mridula Gupta and Sneha Kabra	Elsevier-AEU - International Journal of Electronics and Communications Volume 108, August 2019, Pages 251-261 Impact Factor: 2.853	India	-	Yes	-	Yes	
		Analysis of Interface Trap Charges of Double Gate Junctionless Nanowire	Neha Garg, Yogesh Pratap, Mridula Gupta and Sneha Kabra	-	India	IEEE Electron Device Kolkata Conference, 24 th -25 th , November 2018, India.	Yes	-		

		Transistor (DG-JNT) for Digital Circuit Applications								
		Comparative analysis of oxides to improve performance of DC-MOS-HEMTs	Praveen Pal, Yogesh Pratap , Mridula Gupta and SnehaKabra	--	--	IEEE International Conference on Modeling of System and Devices (MOS-AK India 2019) February 25 th to 27 th 2019, IIT - Hyderabad	Yes	--		
	Dr. Sonal Singh	A review and recent developments on strategies to improve the photocatalytic elimination of organic dye pollutants by BiOX (X=Cl, Br, I, F) nanostructures	Sonal Singh , Rishabh Sharma, and ManikaKhanuja	Korean J. Chem. Eng., 35(10), 1955-1968 (2018) DOI: 10.1007/s11814-018-0112-y	South Korea	NA	Yes	Yes	Yes	09
		Bi2O3/Ni-Bi2O3 system obtained via Ni-doping for enhanced PEC and photocatalytic activity supported by DFT and experimental	Sonal Singh , Rishabh Sharma	Solar Energy Materials and Solar Cells 186 (2018) 208–216	Netherlands	NA	Yes	Yes	Yes	06

		study					Yes	Yes	Yes	
	Dr. Sarul Malik	Non-invasive platform to estimate fasting blood glucose levels from salivary electrochemical parameters	Sarul Malik , Harsh Parikh, Neil Shah, SnehAna, Shalini Gupta	Healthcare Technology Letters			Yes	Yes	Yes	
	Reshma Sinha	Design and analysis of LPG Gas Kit for a Dual Fuel Bike	Reshma Sinha Abhaykant Sinha	International Journal of Innovative Research in Science, Engineering and Technology IJIRSET, Volume 7, Issue 9, September 2018	India	-	Yes	Yes	Yes	
		Design of Stair-Climbing Rocker-Bogie Mechanism	Reshma Sinha , Abhaykant Sinha	International Journal of Innovative Research in Science, Engineering and Technology IJIRSET, Volume 7, Issue 7, July 2018	India	-	Yes	Yes	Yes	
Maths	Dr. Punita Saxena	A Benchmarking Strategy for Delhi Transport Corporation: An Application of Data	Punita Saxena	International Journal of Mathematical, Engineering and	India	-	Yes	Scopus	Yes	12

		Envelopment Analysis”,		Management Sciences, Vol. 4(1), pp. 232-244						
	Dr. Shalu Sharma	Near Exact Operator Banach Frames in Banach Spaces	Shalu Sharma , KholeTomothyPoumai and Chander Shekhar	Poincare journal of analysis and applications , vol. 2019(1) 67-76	India	-	Yes	Scopus	Yes	-
Microbiology	Dr. Isha Gunwal	Role of Women in Environment Conservation	Dr. Payal Mago and Dr. Isha Gunwal	SSRN, Elsevier	USA	-	Yes	Scopus		
	Dr. Rekha Mehrotra	Morphological dependance of antibacterial properties of hydrothermally synthesized ZnO structures	Dr. Rekha Mehrotra	-	India	Recent Advances in condensed matter physics held at Kurukshetra University on 12 th -13 th October 2018	-	-	-	
Physics	Dr. Manoj Kumar Jaiswal	Effect of low energy (keV) ion irradiation on structural, optical and morphological properties of SnO ₂ - TiO ₂ nanocomposite thin films	Vikas Kumar, M.K. Jaiswal et al.	Journal of material Science: Materials in Electronics (2018) 29: 13328-13336	Netherlands	NA	Yes	Scopus	Yes	
		Enhanced field emission from copper nanowires synthesized using ion track-etch membranes	Rashi Gupta, R.P. Chauhan, S.K. Chakarvarti, M.K.Jaiswal et al.	Journal of material Science: Materials in Electronics (2018) 29: 19013-	Netherlands	NA	Yes	Scopus	Yes	

		as scaffolds		19027						
		Modification in Properties of SnO ₂ - TiO ₂ nanocomposite thin films by low energy ion Irradiation	Vikas Kumar, M.K.Jaiswal <i>et al.</i>	Integrated Ferroelectrics	Switzerland	NA	Yes	SCI expanded	Yes	
	Dr. RajanGoyal	Modelling of strain induced magnetic anisotropy in Au additive FePt thin films	Rajan Goyal <i>et al.</i>	Progress in Natural Science: Materials International (PNMS:MI) (In Press)	Japan	NA	Yes	SCI expanded	Yes	
Library	Dr. Projes Roy	NFC and RFID Interoperability: Challenges and Opportunity in Libraries	Projes Roy	-	India	NCCDLSE - 2018 National Conference on “Changing Digital Landscape in SMART Environment” on 08 February 2018 at Anasal University, Gurugram, Haryana	Yes	-	-	-
Psychology	Ankita Mishra	Understanding the Experience of Cyberbullying Victimization in Young Adults	Ankita Mishra Dr Shivani Datta	International Journal of Research and Analytical Reviews, Vol 6/ Issue 1/pp 231z-243z	India		Yes	Google Scholar,	Yes	
		Social Influence	Dr Shivani Datta	International	India		Yes	Google	Yes	

		and Interventions: Perceived effectiveness of anti-smoking advertisements	Ankita Mishra	l Journal of Social Sciences and Economic Research, Vol 4/Issue 3/pp 1846-1862				Scholar,		
		Healthy body and happy mind: A biopsychosocial insight into the body mass index and happiness level interplay among young adults.	Ankita Mishra	Internationa l Journal of Social Sciences Review, Vol 7/Issue 1/pp 109-114	India		Yes	i-scholar, EBSCO		
	Dr. Komal Chandiramani	Perpetuation of Everlasting Stereotypes: Stereotype Threat and Performance of Female Undergraduates	S. Kaushik Saloni Goyal Dr. Komal Chandiramani	Indian Journal of Social Research Vol. 60/ Issue 1/pp 69-78	India		Yes	ProQuest, Indian Citation Index(ICI)	Yes	
		Exploring Communication Trends In Interpersonal Relationships: A Generational Study	Dr. Komal Chandiramani	Internationa l Journal of Research and Analytical Reviews. Vol. 6 issue 1	India		Yes	Google Scholar,	Yes	
		Exploring the Poetic Personality: A Quantitative	Manyata Sharma	Internationa l Journal of Indian Psychology,	India		Yes	Google Scholar	No	

		Research on Personality of Aspiring Poets.	Dr. Komal Chandiramani	6(3), DOI: 10.25215/06 03.76						
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