

Details of Research Publications (2014-17)

S.No	Department	Name of the faculty	Title of the paper	Published in journal/conference proceedings.	Journal name and details	Indexing of the journal	Details of the conference proceedings	Peer Reviewed	Citations of all publications during 2014-17
1	Biochemistry	Dr. Sadhna Jain	Effect on Sprouting Time on Antioxidant Properties of <i>Trigonella graecem</i> (Fenugreek Seeds) available in Delhi NCR Region	Journal	International Journal of Current Research and Reviews(2017) Volume 9, issue 5. Page 33-37.	ICI		Yes	
2.	Biomedical Sciences	Dr. Varsha Mehra	Antibacterial potential of <i>Elletaria cardamomum</i> , <i>Syzygium aromaticum</i> and <i>Piper nigrum</i> , their synergistic effects and phytochemical determination	Journal	Journal of Pharmacy Research, 2014, 8(8), 1091-1097	Pubmed		Yes	20
3			Phytochemical evaluation and pharmacological activity of <i>Syzygium aromaticum</i> : a comprehensive review	Journal	International Journal of Pharmacy and Pharmaceutical Sciences, 2014, 6 (8), 67-72	Scopus		Yes	
4			Trials and tribulations in tuberculosis research: Can plant based drug	Journal	Chemical Biology Letters, 2017, 4 (1), 33-47	Pubmed		Yes	

			(s) be the solution?						
5			Plant Based Approach: Achilles Heel in Tuberculosis Treatment	Conference Proceedings			National Conference on Advances in Food Science and Technology (NCAFST-2016),(16th - 17th March 2016), Shaheed Rajguru College	Yes	
6		Dr. Indu Arora	Modulation of liver and kidney toxicity by herb Withania somnifera for silver nanoparticles: a novel approach for harmonizing between safety and use of nanoparticles	Journal	Protoplasma 252,2,547--558,2015	Scopus		Yes	38
7			size-and shape-dependent clinical and mycological efficacy of silver nanoparticles on dandruff	Journal	International journal of nanomedicine 11,147,2016,	Scopus		Yes	
8			Nanoparticle based delivery of quercetin for the treatment of carbon tetrachloride mediated liver cirrhosis in rats	Journal	Journal of biomedical nanotechnology, 12,(2), 274—285, 2016	Scopus		Yes	
9			Enhancement in the neuroprotective	Journal	ACS applied materials & interfaces 8,30,19716--19723,2016	Scopus		Yes	

			power of riluzole against cerebral ischemia using a brain targeted drug delivery vehicle						
10		Dr. Manisha Khatri	Antibacterial potential of <i>Elletaria cardamomum</i> , <i>Syzygium aromaticum</i> and <i>Piper nigrum</i> , their synergistic effects and phytochemical determination	Journal	Journal of Pharmacy Research, 2014, 8(8), 1091-1097	Scopus			59
11			Phytochemical evaluation and pharmacological activity of <i>Syzygium aromaticum</i> : a comprehensive review	Journal	International Journal of Pharmacy and Pharmaceutical Sciences, 2014, 6 (8), 67-72	Scopus			
12			Synthesis, biological evaluation and molecular docking study of novel piperidine and piperazine derivatives as multi-targeted agents to treat Alzheimer's disease	Journal	Bioorganic & medicinal chemistry, 2015, 23 (5), 1135-1148	Pubmed, Scopus			
13			Trials and tribulations in tuberculosis research: Can	Journal	Chemical Biology Letters, 2017, 4 (1), 33-47	Pubmed			

			plant based drug (s) be the solution?						
14			Investigating the free radical scavenging and acetylcholinesterase inhibition activities of <i>Elletaria cardamomum</i> , <i>piper nigrum</i> and <i>Syzygium aromaticum</i>	Journal	International Journal of Pharmaceutical Science and Research, 2017, 8(7), 3180-3186				
15			Plant Based Approach: Achilles Heel in Tuberculosis Treatment	Conference Proceedings			National Conference on Advances in Food Science and Technology (NCAFST-2016),(16th - 17th March 2016), Shaheed Rajguru College	Yes	
16	Chemistry	Dr. Jasjeet Kaur	A novel fluorescent small particle reagent based on eosin B stain for developing latent fingerprints.	Journal	Indian Police Journal, 61 (2), 227-233 (2014)	ICI		Yes	285
17			DFO reagent for detection of latent fingerprints: A review	Journal	Fingerprint Whorld, 40 , 16-23 (2014).			Yes	
18			Innovations in crime scene management.	Journal	International Journal of Advanced Chemical Science and	IRD India		Yes	

					Application, 3 , 31-33 (2015)				
19			Physical developer technique for detection of latent fingerprints: A review.	Journal	Egyptian Journal of Forensic Sciences, 6 , 44-47 (2016).	Scopus		Yes	
20			Phase transfer catalysis in aid of fingerprint development	Conference Proceedings			Eighteenth All India Conference of Directors of Fingerprint Bureaux, March30-31,2017 at Haryana Police Academy, Karnal, Haryana		
21	Computer Science	Dr. Suruchi Chawla	Application of Genetic Algorithm and Back Propagation Neural Network for Effective Personalize Web Search-Based on Clustered Query Sessions	Journal	International Journal of Applied Evolutionary Computation Vol 7, No 1, 2016, pp 33-49	ACM Digital Library DBLP		Yes	117
22			Optimization of Clusters of Web Query Sessions using Genetic Algorithm for Effective Personalized Web Search	Journal	International Journal of Computer Applications Vol 122, No.9, 2015, Pp 9-17	ProQuest, CiteSeer		Yes	
23			Clusterwise optimization of clicked web	Journal	International Journal of Emerging Trends &	Thomson Reuter, Scopus		Yes	

			pages using Genetic algorithm for effective Personalized Web Search		Technology in Computer Science Vol 4, No 1, 2015 Pp 174-184				
24			Optimization of Clustered Web Search Queries using Genetic Algorithm for Effective Personalized Web Search	Journal	International Journal of Innovative Research in Computer and Communication Engineering Vol. 3, No 8, 2015, Pp 7343-7352	Index Copernicus International, ProQuest			Yes
25			Web Page Recommender System for Effective Information Retrieval using hybridization of Trust, ACO and GA	Journal	International Journal of Innovative Research in Computer and Communication Engineering Vol 4, No 3, 2016 Pp 3416-3424	ICI, ProQuest			Yes
26			Domainwise Web Page Optimization Based on Clustered Query Sessions Using Hybrid of Trust and ACO For Effective Information Retrieval	Journal	International journal of scientific & technology research Vol 4, No 11, 2015, pp 196-204	DOAJ, CiteFactor			Yes
27			Use of hybrid of Fuzzy set and ACO for effective	Journal	International Journal of Advanced Research in Computer Science Vol 8, No. 5, 2017	Indian Citation Index, ProQuest			Yes

			personalized web search		Pp 1732-1740				
28			Web page ranking using ant colony optimisation and genetic algorithm for effective information retrieval	Journal	International Journal of Swarm Intelligence Vol. 3, No. 1, 2017 Pp 58-76	Google Scholar,CN PIEC, ProQuest Advanced Technologies Database with Aerospace.		Yes	
29			Intelligent Information Retrieval Using Hybrid of Fuzzy Set and Trust	Journal	International Oriental journal of computer science & technology Vol. 10, No. (2),2017, Pgs. 311-325	CiteFactor, Index Copernicus International.		Yes	
30			A novel approach of cluster based optimal ranking of clicked URLs using genetic algorithm for effective personalized web search	Journal	Applied Soft Computing Vol 46, 2016, pp 90–103	Scopus		Yes	
31		Dr. Aakanksha Vats	Analysis of Hyper Text Transfer Protocols and its Variants	Conference Proceedings		Springer	International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS-2017) ISBN: 978-1-5090-6470-0, Pg 1-10	Yes	9

32	Ms. Deepali Bajaj	"Towards an understanding of Li-Fi: Next generation Visible Light Communication Technology.",	Journal	International Journal Of Engineering And Computer Science ISSN:2319-7242 Volume 4 Issue 4 April 2015, Page No. 11638-11641.	Copernicus , Google Scholar		Yes	2
33		"Exploring Big Data Analysis Pipeline and Comparative Summarization of Mining Tools"	Journal	International journal for scientific research and development ISSN :2321-0613 October 2015	Copernicus , Google Scholar		Yes	
34		"Development of an Electronic Voting System"	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications (NCAECA), pp. 55-58, 2016 (ISBN: 978 – 93 – 5254 – 496 – 7)	Yes	
35		"Sentiment Analysis : A new paradigm for Natural language Processing	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications (NCAECA), pp. 45-48, 2016 (ISBN: 978 – 93 – 5254 – 496 – 7)	Yes	
36		"Health Buddy - Mobile Based Nutritional intake Tracking Application for young college students."	Conference Proceedings			In National Conference on Advances in Food Science & Technology (NCAFST), March 2016 pp 45-50	Yes	
37		"Development of an Android based mobile application to track nutritional	Journal	Journal of Basic and Applied Engineering Research p-ISSN: 2350-0077; e-ISSN: 2350-0255;			Yes	

			intake of young college students."		Volume 3, Issue 1; January-March, 2016, pp. 75-78				
38			Mobile application to track nutritional intake-a smart step towards nutritional security through m-health	Conference Proceedings			World congress on Disease, Health and Society: Issues, challenges organized by G.C.Mishra education foundation on 20th May, 2017, at JNU, Delhi. Pg 15-19	Yes	
39		Ms. Urmil Bharti	A Novel Technique for Query Suggestion Long Trail Queries	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications(NCAECA-2016) organized by Department of Electronics and Department of Computer Science, SRCASW, University of Delhi held in February 2016. (ISBN: 978 – 93 – 5254 – 496 – 7) Pg:29-33	Yes	NIL
40			Control Library for Testing Object Oriented Software	Conference Proceedings			National Conference on "Emerging Trends in Computer Science and Information Systems" organized by Department of Computer Science, Maharaja Agrasen College, University of Delhi held in March 2015. (ISBN: 978-93-84224-27-1)Pg:169-176		

41		Ms. Tina Sachdeva	"Future Architecture of General Purpose Computing on Graphics Processing Units(GPGPUs)	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications(NCAECA-2016) organized by Department of Electronics and Department of Computer Science, SRCASW, University of Delhi held in February 2016. ISBN-978-93-5254-496-7. Pg: 108-111	Yes	
42			Computation of Bandwidth Utilization in a Network File	Conference Proceedings			Recent Trends in Electronics and Instrumentation(RTIE2016) organized at SRCASW, University of Delhi and held in October 2016. ISBN-978-18539305422. Pg:6-11	Yes	
43		Ms. Asha Yadav	"Towards an understanding of Li-Fi: Next generation Visible Light Communication Technology.",	Journal	International Journal of Engineering & computer Science ISSN:2319-7242 Volume 4 Issue 4 April 2015, Page No. 11638-11641.	IndexCopernicus, Google Scholar etc		Yes	01
44			"Exploring Big Data Analysis Pipeline and Comparative Summarization of Mining Tools"	Journal	International Journal for scientific research and development ISSN :2321-0613 October 2015	IndexCopernicus, Google Scholar etc		Yes	
45			"Visualization of Big Data: Tools and Techniques for Data-Driven	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications		

			Decision Making."				(NCAECA), pp. 37-40, 2016 (ISBN: 978 – 93 – 5254 – 496 – 7)		
46			"RMart: A Digi Campus."	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications (NCAECA), pp. 49-51, 2016 (ISBN: 978 – 93 – 5254 – 496 – 7)		
47			"Health Buddy - Mobile Based Nutritional Intake Tracking Application for young college students."	Conference Proceedings			In National Conference on Advances in Food Science & Technology (NCAFST), March 2016 pp 45-50		
48			"Development of an Android based mobile application to track nutritional intake of young college students."	Journal	Journal of Basic and Applied Engineering Research p-ISSN: 2350-0077; e-ISSN: 2350-0255; Volume 3, Issue 1; January-March, 2016, pp. 75-78			Yes	
49			Mobile application to track nutritional intake-a smart step towards nutritional security through m-health	Conference Proceedings			World congress on Disease, Health and Society: Issues, challenges organized by G.C.Mishra education foundation on 20th May, 2017, at JNU, Delhi		
50	Mr. Sumit Kumar		Applications of Machine Learning Techniques to Predict	Journal	International Journal of Modern Computer Science and Applications (IJMCSA) 2017 ISSN: 2321-2632 Volume - 5	Google Scholar		Yes	01

			Understandability of Data Warehouse Logical Schema		Pg no. 22- 31				
51			DESIGNING A MOBILE APPLICATION WITH OTP TECHNIQUE AS AN ENHANCEMENT TO E - ATTENDENCE	Conference Proceedings			National Conference on Advancement in Electronics and Computer Applications (2016)	Yes	
							ISBN No. 978-93-5254-496-7 Pg no. 34-38		
52			SECURITY ONTOLOGY BASED INTRUSION DETECTION SYSTEM FOR SEMANTIC WEB	Conference Proceedings			IEEE ICRITO(International Conference on Reliability, Infocom Technologies and Optimization) 2014	Yes	
							ISBN No. 978-93-83083-99-2 Volume - 3 Pg no. 619-624		
53			SEMANTIC WEB ATTACKS AND COUNTERMEASURES	Conference Proceedings		Google Scholar, IEEE Xplore digital Lirary	IEEE ICAETR(International Conference on Advances in Engineering and Technology Research) 2014	Yes	
							ISBN No. 978-1-4799-6393-5 Volume - 1 Pg no. 1037 -1041		

54		Ms. Seema	The Evolution of the BOW-HEADED Tribe;	Conference Proceedings			In National Conference on Advancements in Electronics and Computer Applications (NCAECA), pp. 25-28, 2016.	Yes	NIL
55			Cyber War: An Open Challenge to Our Nation”	Conference Proceedings			In National Conference on Advancements in Electronics and Computer Applications NCAECA), pp. 84-88, 2016.	Yes	
56		Ms. Neha Gandhi	Reliability Analysis of Open Source Software based on User Growth	Conference Proceedings		EI, ISI Web of Science, DBLP, IET Inspec, Scopus [Proceedings not yet online]	Seventh International Conference on Advances in Information Technology and Mobile Communication – AIM 2017.(To be published by McGraw Hill Education)	Yes	
57			Reliability growth modeling for OSS: a method combining the Bass Model and Imperfect Debugging	Conference Proceedings		ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar	International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS-2017). (To be published by Springer).	Yes	

						and Springerlink. [Proceedings not yet online]			
58		Ms. Tulika	Use of NoSQL Database for Handling Semi Structured Data: An Empirical Study of News RSS Feeds	Conference Proceedings		Springer Digital Library Google Scholar	Proceedings of Third International Conference on Emerging Research in Computing, Information, Communication and Applications (Pg 253-263) Online ISBN978-81-322-2550-8 Print ISBN978-81-322-2549-2	Yes	4
59	Electronics	Ms. Venika Gupta	IIR Digital Low Pass Filter Design and Research and Simulation Result on SCILAB	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications NCAECA'2016, 4-5 February, 2016, Page 7-10, ISBN No. 978-93- 5254-496- 7.		
60			Electronic gadgets - from affection to addiction: a literature review	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications NCAECA'2016, 4-5 February, 2016, Page 14-18, ISBN No. 978-93- 5254-496- 7.		

61		Ms. Preeti Singhal	Designing a Mobile Application with OTP technique as an enhancement to e - attendance	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications on February 5th - 6th 2016. ISBN 978-93-5254-496-7		
62		Dr. Amita Kapoor	A survey of existing optical neural networks	Conference Proceedings			Second National Conference on Recent Developments in Electronics (NCRDE 2017), pp 138 – 140.ISBN: 978-81-933475-3-9		18
63			Face recognition using Cloud Hopfield neural network	Conference Proceedings		Scopus	International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2016), December 2016, Odisha, India		
64			App based Garden Bot for regulation of Water Level in plants	Journal	International Research Journal of Engineering and Technology (IRJET) 10 (03), pp 1208 – 1212, Oct 2016, e-ISSN: 2395-0056	Google Scholar		Yes	
65			Effect of Event Sequence on Intragroup Dynamics: Simulation Using Modified Hopfield Neural Network	Conference Proceedings		Scopus	Advances in Computing, Communications and Informatics (ICACCI), 2016 International Conference on Sept. 2016	Yes	
66			Centrality measures in close group of adolescent females and their association with individual character strengths	Conference Proceedings		Scopus	IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (P – ASONAM 2016), August 2016, San Francisco, USA	Yes	
67			Face Recognition using Cloud Hopfield neural network	Conference Proceedings		Scopus	IEEE International Conference on Wireless Communications Signal Processing and Networking (IEEE WiSPNET 2016), March 2016, Chennai, India	Yes	

68			An Automatic Irrigation System using Self – Made Soil Moisture Sensors and Android App	Conference Proceedings			National Conference Recent Trends In Instrumentation and Electronics, RTIE – 2016, Delhi, India	
69			Data Mining from Machine Learning Perspective	Journal	International Journal of Scientific Research and Development (IJSRD)	Google Scholar		
70			Implementation of Mathematical Functions using VHDL	Journal	International Journal of Scientific Research and Development (IJSRD)	Google Scholar		
71			Cloud Hopfield neural network: Analysis and simulation			Scopus	Advances in Computing Communications and Informatics (ICACCI), 2015 International Conference on, Vol, no, pp 203 – 209, 10 - 13	
72			Development of e – resource on standard procedure of operation and applications of important electronic devices used by undergraduate students	Journal	Journal of Undergraduate Research Innovation, University of Delhi, February 2015 1(1), 233 - 34			
73			Friendship among adolescent girls: Analysis using Gephi	Conference Proceedings			National Conference on Recent Trends in Instrumentation and Electronics, 5 th – 6 th January, 2015	
74			Efficiency Evaluation of State Transport Undertakings of India using DEA – NN approach	Journal			International journal of Information Technology and Management, Jan 2015, 10(5) 2189 - 2198	
75			Development, use and impact of e-learning based	Conference Proceedings		Scopus	MOOC, Innovation and Technology in Education (MITE), 2014 IEEE	

82			Current voltage (I-V) characteristics of MWCNT/Polyaniline Nanocomposites	Conference Proceedings			National Conference on Recent Trends in Instrumentation and Electronics on 5-6 January 2015. ISBN 978-81-930724-0-0	Yes	
83			Silicon Micromachining: Prospects and Challenges for future applications in MEMS Fabrication	Conference Proceedings			National Conference on Recent Trends in Instrumentation and Electronics on 5-6 January 2015 ISBN 978-81-930724-0-0	Yes	
84			Evaluating Big Data Techniques	Conference Proceedings			International Conference on Recent Development in Computational and Information Technology on 2014 organized by SRM University, Modinagar.		
85		Ms. Sonia Ahlawat	Visible Light Communication	Journal	International Journal of Science and Research (IJSR) ISSN 2319-7064. (2015)			Yes	
86			IIR Digital Low Pass Filter Design and Research and Simulation Result on SCILAB	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications NCAECA'2016, 4-5 February, 2016, Page 7-10, ISBN No. 978-93- 5254-496- 7.	Yes	
87			Electronic gadgets - from affection to addiction: a literature review	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications NCAECA'2016, 4-5 February, 2016, Page 14-18, ISBN No. 978-93- 5254-496- 7.	Yes	

88			Advanced Communication in Digital World	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications NCAECA'2016, 4-5 February, 2016, Page 66-68, ISBN No. 978-93- 5254-496- 7.	Yes	
89		Dr. Neha Katyal	Controlling the direction of energy transfer on higher – order self – diffraction in photorefractive sillenites – A numerical approach	Journal	Optik – International Journal for Light and Electron Optics			Yes	
90			Holographic Data Storage - Review	Conference Proceedings			National Conference on Advancements in Electronics and Computer Applications NCAECA'2016, 4-5 February, 2016, Page 59 – 65, ISBN No. 978-93- 5254-496- 7.	Yes	
91	Food Technology	Dr. Ranjana Singh	Food Wastage a global concern	Conference Proceedings			National Conference on Advances in Food Science and Technology 16-17 March, 2016,, 2016 ISBN No. 978-93-81156-43-8	Yes	69
92			Development of soya fortified traditional Snack	Conference Proceedings			National Conference on Advances in Food Science and Technology 16-17 March, 2016,, 2016 ISBN No. 978-93-81156-43-8	Yes	
93		Dr. Deepa Joshi	Microbial analysis of tap water from	Conference Proceedings			National Conference on Advances in Food Science and Technology	Yes	3

			different zones of Delhi				16-17 March, 2016,, 2016 ISBN No. 978-93-81156-43-8		
94			To compare the efficiency of Chlorination, U V Treatment and Reverse Osmosis treatment of water'	Conference Proceedings			National Conference on Advances in Food Science and Technology 16-17 March, 2016,, 2016 ISBN No. 978-93-81156-43-8	Yes	
95		Ms. Para Dholakia	Development of an Android based mobile application to track nutritional intake of young college students	Journal	Journal of Basic and Applied Engineering Research p-ISSN: 2350-0077; e-ISSN: 2350-0255; Volume 3, Issue 1; January-March, 2016, pp. 75-78			Yes	
96			Vitamin D Deficiency : Emerging Epidemic Meeting the Challenge	Conference Proceedings			National Conference on Advances in Food Science and Technology 16-17 March, 2016,,ISBN No. 978-93-81156-43-8	Yes	
97			Mobile application to track nutritional intake-a smart step towards nutritional security through m-health	Conference Proceedings			World congress on Disease, Health and Society: Issues, challenge, 20th May, 2017, Dr. G.C.Mishra Education foundation Krishi Sanskriti Publications		
98		Ms. Saumya Chaturvedi	Osmotic Dehydration of Papaya- Optimization and comparison"	Conference Proceedings			National Conference on Advances in Food Science and Technology 16-17 March, 2016,,	Yes	3

104			Quality characteristics and shelf life of sugar substituted sterilized flavoured milk drinks	Journal	Journal of Research (2014), 51(2): 157-62. ISSN: 0048-6019	Pubmed, Scopus		Yes	
105		Ms. Chayanika Verma	Water soluble extract from cumin and coriander : Application studies as beverage and quality characteristics	Journal	International Journal of Research in Engineering and Applied Sciences, volume 4, Issue 3, March 2014. ISSN: 2249-3905	ICI, Google scholar		Yes	1
106			Bioactive constituents of coriander essential oil, their variation with maturity and contribution to aroma	Journal	International Journal of Research in Engineering and Applied Sciences, volume 4, Issue 3, March 2014. ISSN: 2249-3905	Scopus		Yes	
107			Applications and utilization of coriander	Journal	International Journal of Research in Engineering and Applied Sciences, volume 4, Issue 3, march 2014. ISSN: 2249-3905	Scopus		Yes	
108			Applications and utilization of coriander	Journal	International Journal in IT and Engineering, Vol.3, Issue 2, Feb 2015. ISSN: 2321 – 1776.	Thomson and Reuters		Yes	
109			Thermal Techniques of Minimal	Conference Proceedings			National Conference on Advances in Food Science and Technology 16-17 March, 2016.,	Yes	

			Processing of Foods				2016 ISBN No. 978-93-81156-43-8		
110			Emerging non-thermal techniques of minimal processing of food	Journal	International Journal of Research in Medical and Basic Sciences, vol.02, issue-04 (April 2016)			Yes	
111			Comparative study of dehydration and food applications of five green leafy vegetables (211-220)	Journal	International Journal of Research in Engineering and Applied Sciences Vol. 6, Issue 11, (November 2016), ISSN(O): 2249-3905, ISSN(P) : 2349-6525			Yes	
112		Ms. Vandana	Analysis of Pesticide Residues in Grapes after different treatments uses HPLC	Conference Proceedings			National Conference on Advances in Food Science and Technology 16-17 March, 2016,, 2016 ISBN No. 978-93-81156-43-8	Yes	
113			Sustainable utilization of Waste from Citrus Fruit Processing Industry	Conference Proceedings			National Conference on Advances in Food Science and Technology 16-17 March, 2016,, 2016 ISBN No. 978-93-81156-43-8	Yes	
114	Instrumentation	Dr. Daya Bhardwaj	Chromatographic fingerprinting: An emerging tool for quality control and chemo-taxonomy of medicinal plants and their drugs	Conference Proceedings			National Conference on Recent trends in Instrumentation and Electronics, 2015, vol 1 page no 49-58	Yes	

115	Dr. Sneha Kabra	Development of e-resource on standard procedure of operation and applications of important electronic devices used by undergraduate science students	Journal	Journal of Undergraduate Research Innovation, University of Delhi, February 2015 1(1), 233 - 34				
116		Development of e-learning based module for teaching practicals in electronics to science and engineering students in India,	Conference Proceedings			IEEE International Conference on teaching, assessment and learning for Engineering”, organized by Victoria University, Wellington, New Zealand from 8-10 Dec 2014.		
117		Development, use and impact of E-learning based modules for teaching Electronics to undergraduate girl students: A case study	Conference Proceedings		Scopus	MOOC, Innovation and Technology in Education (MITE), 2014 IEEE International Conference on, pp 215 – 218. IEEE, 2014		
118		A review on the Eye Stick: Boon to Visually Impaired,	Conference Proceedings			International Conference on Advances in Nanomaterials and Nanotechnology (ICAN 2016) 4th and 5th November 2016		
119		E-Learning based approach for teaching experiments in Electronics	Conference Proceedings			National Conference on Striving and Thriving towards diffusion of student – driven research in Science and		

							Technology for Inspired Learning pg.321-323		
120			Low cost eco-friendly solar inverter a standalone solar power system for households	Conference Proceedings			National conference on “Recent trends in Instrumentation and Electronics”, (RTIE-2016) from Oct’5-6	Yes	
121			Analog Characteristics and Linearity Analysis of Gate-All-Around Junctionless Nanowire Transistor (JNT) under wide Operating Temperature Ranging from 200K to 500K,	Conference Proceedings			National conference on Recent developments in Electronics, (NCRDE 2017), Feb. 17-18, 2017		
122		Ms. Himani Dua	Low cost eco friendly solar inverter- A standalone solar power system for households	Conference Proceedings			National conference on “Recent trends in Instrumentation and Electronics”, (RTIE-2016) from Oct’5-6	Yes	3
123			Wireless Optical Communication System and its Vital Component	Journal	International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue 5, May 2015, Page -223 TO 226. (ISSN: 2278-1021)	Google Scholar		Yes	
124			A Review on Optical Fiber Long Period	Journal	International Journal of Advanced Research in Computer and	Google Scholar		Yes	

			Grating, its applications in Optical Communication System,		Communication Engineering, Vol. 4, Issue 5, May 2015, page-624 to 630. (ISSN: 2278-1021).				
125			Designing of a Long Period Fiber Grating (LPFG) Using Optigrating Simulation Software	Journal	SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE), Volume 2 Issue 6–June 2015, page-18 to 23. (ISSN: 2348 – 8549)				
126			Long Period Fiber Grating (LPFG) and to Study the Effect of Coupling Length on Its Different Modes	Journal	Vol. 3, Issue 6, June 2015, page-83 to 87. (ISSN: 2321-2004). Journal name missing	Google Scholar		Yes	
127			Impact of teaching electronics practical by Elearning based approach on Students.	Journal	International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue 5, May 2015, page-312 to 314. (ISSN: 2278-1021).	Google Scholar		Yes	
128	Dr. Yogesh Pratap		Analytical Modeling of Gate-All-Around Junctionless Transistor based Biosensor for Detection of Neutral Biomolecule Species	Journal	Journal of Computational Electronics, (2017): 1-9.	Scopus		Yes	61

129			Cylindrical Gate All Around Schottky Barrier MOSFET with Insulated Shallow Extensions at Source/Drain for Removal of Ambipolarity: A Novel Approach	Journal	Journal of Semiconductor, (2017): (In Press).	Scopus		Yes	
130			Gate Material Engineered Junctionless Nanowire Transistor (JNT) with Vacuum Gate Dielectric for Enhanced Hot Carrier Reliability	Journal	IEEE Transactions on Device and Materials Reliability, Vol 16, pp-360-369, 2016	Scopus		Yes	
131			Effect of High-k and Vacuum Dielectrics as Gate Stack on a Junctionless Cylindrical Surrounding Gate (JL-CSG) MOSFET	Journal	Solid State Electronics, Vol. 123, pp. 26-32, September 2016.	Scopus		Yes	
132			Physics-Based Drain Current Modeling of Gate-All-Around Junctionless Nanowire Twin-Gate Transistor (JN-TGT) for	Journal	Journal of Computational Electronics, Vol. 15, no. 2, pp. 492-501, June 2016.	Scopus		Yes	

			Digital Applications					
133			Capacitance Modeling of Gate Material Engineered Cylindrical/Surrounded Gate MOSFETs for Sensor Applications	Journal	Superlattices and Microstructures, Vol. 88, pp. 271-280, December 2015.	Scopus		Yes
134			Localised Charge Dependent Threshold Voltage Analysis of Gate Material Engineered Junctionless Nanaowire Transistor	Journal	IEEE Transactions on Electron Device, Vol. 62, no. 8, pp. 2598-2605, August 2015.	Scopus		Yes
135			Sensitivity Investigation of Gate-All-Around Junctionless Transistor for Hydrogen Gas Detection	Conference Proceedings			7th IEEE International Nanoelectronics Conference (IEEE-INEC), 9th-11th May-2016, Chengdu, China	Yes
136			DMG Insulated Shallow Extension Cylindrical GAA Schottky Barrier MOSFET for Removal of Ambipolarity: A Novel Approach	Conference Proceedings			7th IEEE International Nanoelectronics Conference (IEEE-INEC), 9th-11th May-2016, Chengdu, China.	Yes
137			CSDG MOSFET: An Advanced novel architecture for	Conference Proceedings			Annual IEEE India Conference (INDICON), 17th-	Yes

			CMOS technology				19th December-2015, New Delhi		
138			Impact of asymmetric gate stack on a junctionless CSG MOSFET for enhanced hot carrier reliability	Conference Proceedings			Annual IEEE India Conference (INDICON), 17th-19th December-2015, New Delhi	Yes	
139		Ms. Reshma Sinha	A review paper on Hollow flashlight: Thermoelectrically powered torch	Conference Proceedings			National conference on "Recent trends in Instrumentation and Electronics", (RTIE-2016) from Oct'5-6	Yes	
140			Hollow flashlight: Thermoelectrically powered torch	Conference Proceedings			National conference on Recent Developments in Electronics, 16th, 17th & 18th February, 2017 Vol.1, pp. 213-214	Yes	
141	Mathematics	Dr. Punita Saxena	Effect of Sprouting Time on Antioxidant Properties of Trigonella foenumgraecum (Fenugreek) Seeds Available in Delhi-NCR Region	Journal	International Journal of Current Research and Review, 2017, Vol.9(5), pp.33-37.	ICI		Yes	20
142			Benchmarking efficiency of Delhi Transport Corporation: a data envelopment analysis approach	Conference Proceedings			8 th International Conference in Applied Operational Research, NETHERLANDS, 28-30 June 2016 Lecture Notes in Management Sciences, 2016, Vol. 8, pp. 33-40.	Yes	

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149	Ms. Ritika Chopra		An approach to solve possibilistic linear programming problems	Journal	Applied Mathematics, 2014, Vol. 5(2), 226-233.	Scopus		Yes	04
150			Possibilistic linear programming with Triangular intuitionistic fuzzy numbers	Journal	Advances in Fuzzy Mathematics, 2015, Vol. 10(1), 91-98.	Scopus		Yes	
151			Type-2 fuzzy linear programming problem with interval valued linear programming approach	Journal	The Journal of Fuzzy Mathematics, 2015, Vol. 23(4), 813-820.	ICI		Yes	
152			Matrix Games with triangular intuitionistic fuzzy pay offs	Journal	The Journal of Fuzzy Mathematics, 2015, Vol. 23(3), 611-622.	ICI		Yes	
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154		Dr. Minakshi Dhamija		Pointwise approximation by Bernstein type operators in mobile interval	Journal	Appl. Math. Comput.(Elsevier), 2014, Vol. 214(1), 683-694.	Scopus		
155			Stancu-Kantorovich	Journal	Appl. Math. Comput.(Elsevier),	Scopus		Yes	

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158			Better Approximation results by Bernstein-Kantorovich operators	Journal	Lobachevskii Journal of Mathematics, 2017, Vol. 38(1), 94-100.	Scopus		Yes	
159	Physics	Dr. Manoj kumar Jaiswal	Modifications in physico-chemical properties of 100 MeV oxygen ions irradiated polyimide Kapton-H polymer	Journal	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms; 406 (2017) 188–192	WoS, Scopus.		Yes	

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1. Dr. Projes Roy

A study of data Retrieval Techniques of Online Databases: Libraries of Central Universities in India, Published by Lap Lambert, Germany, 2012.
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1. From Real to Virtual: Transformation in Libraries. Published by SIRs, New Delhi, 2014, ISBN: 9788192515915

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Patent Awarded:

Dr. Jasjeet Kaur

Fingerprint developing composition and method thereof.
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