3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years (15) 3.4.5.1: Number of research papers in the Journals notified on UGC website during the last five years

Sl.	Title of paper	Name of the	•	Name of journal	Year of	ISSN	Link to the recognition	
NO.		author/s	of the teacher		publication		of the J	ournal
			teacher			r	Link to website of	Link to
							the Journal	article/paper
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								tile al ticle
	Pre-		Electronics	MEMS				
	Configured		Department	(Mathematics in				
	Cycle Protection			Engineering,				
1	With Optimal			Science and				
	Wavelength	Vidhi Gupta,		Aerospace)				http://nonlinearstudies
	Converters	Prof. Rachana		Scopus Indexed		2041-	es.com/index.php/me	
		Asthana			2021	3165	sa/article/view/2752	article/view/2752
	A Heuristic		Electronics	MEMS				
	Approach For		Department	(Mathematics in				
	Pre-Configured			Engineering,				
	Cycle Protection			Science and				
2	With Optimal			Aerospace) Scopus				1 11
	Wavelength	Vialle: Consta		Indexed			- F //	http://www.nonlinears
	Converters	Vidhi Gupta, Prof. Rachana				2041-	rstudies.com/index.p hp/mesa/article/view	tudies.com/index.php/
		Asthana			2021	3165	/2755	rilesa/article/view/2/5
	Power	Astriaria	Electronics	Journal of The	2021	3103	72,33	J
	Optimization		Department	Institution of				
3	in WDM	Prerna Singh,		Engineers (India):			https://link.springer.	https://link.springer
	Optical	Prof. Rachana		Series B. Scopus		2250-	com/article/10.1007/	
	Network using	Asthana		Indexed	2021	2114	s40031-020-00524-y	

4	Comparative Study of Spare capacity Optimization	Prerna Singh, Prof. Rachana Asthana	Electronics Department	Nonlinear Optics, Quantum Optics: Concepts in Modern Optics Scopus Indexed	2020		https://web.s.ebscoh ost.com/abstract?dire ct=true&profile=ehost &scope=site&authtyp e=crawler&jrnl=1543 0537&AN=14146869 0&h=tMEtY6zwXPcS4 KEJsIGJRZ9xKdI6RKhj MJ8qjnNvwv93FIcNo	
5	A Heuristic Algorithm to Find Power Efficient Pre- Configured Cycles (PEP- cycles) and Resolve NP Hard Issues	Prerna Singh, Prof. Rachana Asthana, Prof. M. K. Shukla	Electronics Department	Helix- The scientific explore	2019	2319- 5592	https://helixscientific. pub/index.php/home /article/view/37	
6	Dynamic Path Routing with Maximum Allowable p- Cycle Length and with m-	Deochandra Jaiswal, Prof. Rachana Asthana	Electronics Department	Journal of The Institution of Engineers (India): Series B (Springer) Scopus Indexed	2019	2250- 2114	https://ui.adsabs.har vard.edu/abs/2019JI EIB.100417J/abstrac t	https://ui.adsabs.harva rd.edu/link_gateway/2 019JIEIB.100417J/doi: 10.1007/s40031-019- 00393-0
7	Quality Enhancement with Maximum Allowable p - Cycle Length and with m - Cycle in Optical Mesh Networks	Deochandra Jaiswal, Prof. Rachana Asthana	Electronics Department	International Journal of Engineering & Technology	2018	2227- 524X	https://www.science pubco.com/index.php /ijet/article/view/24 521	http://dx.doi.org/10.14 419/ijet.v7i4.41.24521

	lp.	I	Electronico	T 1			1	T
	Power		Electronics	International				
	Efficiency with		Department	Journal of				
	Optimized			Engineering &				
	Power Routing			Technology				
8	and Dedicated							
	Path Protection	Deochandra					https://www.science	
	in Elastic	Jaiswal, Prof.					pubco.com/index.php	
	Optical	Rachana				2227-	/ijet/article/view/24	http://dx.doi.org/10.14
	Networks	Asthana			2018	524X	293	419/ijet.v7i4.41.24293
	MITA		Electronics	Wireless Personal			com.libproxy.viko.lt/a	
	Interleaver for		Department	Communications,			rticle/10.1007/s1127	https://doi-
9	Integrated and			2022,Vol 122			7-021-08961-	org.libproxy.viko.lt/
9	Ittiative iDivin	Priyanka					8?error=cookies_not_	• •
	Dysicilis Ovci	Agarwal, Prof.				1572-	supported&code=764	10.1007/s11277-
	Powerline	M. K. Shukla			2022	834X	7556b-5372-47f6-	021-08961-8
	Comparison of		Electronics	Materials Today				
	electrical		Department	Proceedings, 2021,				
	energy and			Vol 47				
10	power of with	RohitTripathi						
10	different cells	,G.N.Tiwari,					https://www.science	
	material in	T.S.Bhatti,					direct.com/science/ar	
	clear sky day	Manoj				2214-	ticle/pii/S221478532	https://doi.org/10.101
	condition	K.Shukla			2021	7853	1058697	6/j.matpr.2021.09.072
	Forensic		Electronics	Helix, 2020, Vol 10				
	Analysis of	Shailendra	Department					
11	-	Mishra,					https://helixscientific.	https://helixscientific.p
	*	Manoj K.				2319-		ub/index.php/home/ar
		Shukla			2020	5592	/article/view/194	ticle/view/194
	Cloud	Yahya Abssi,	Electronics	Helix, 2020, Vol				
	Computing and	I	Department	10				
	Security in IoT		-				https://helixscientific.p	https://helixscientific.p
	Era	Manoj K.				2319-	ub/index.php/home/ar	ub/index.php/home/ar
		Shukla			2020	5592	ticle/view/160	ticle/view/160

	Ultra-		Electronics	Helix,2020, Vol 10				
	Wideband		Department	110113,2020, VOI 10				
13	Technology: Standards,	P. S. Sharma,	Department					
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		Sandeep,				2210		https://helixscientific.p
	and	Manoj K.				2319-	1	ub/index.php/home/ar
	Applications	Shukla			2020	5592	ticle/view/161	ticle/view/161
	Design and		Electronics	International				
	Development		Department	Journal on			https://www.semantic	I
	of IOT Based			Emerging				scholar.org/paper/Desi
	Smart Library			Technologies,2020,				gn-and-Development-
14	using Line	P. S. Sharma,		Vol 11			of-IOT-Based-Smart-	of-IOT-Based-Smart-
	Follower	Vijay					Library-Gupta-	Library-Gupta-
	Robot	Sandeep,				22.40		Tripathi/86d0a7bac783
		Manoj K.			2000	2249-	ac613829f8a4910c9cb	ac613829f8a4910c9cb
	m •	Shukla		**	2020	3255	a2d1d0d43	a2d1d0d43
	Transmit		Electronics	Universal Journal				
	Antenna		Department	of Electrical and				
	Selection			Electronic				
	Strategies for			Engineering,2020,				
15	SC-FDMA-			Vol 7				
	IDMA Massive	Roopali						
	MIMO	Agarwal,					https://www.hrpub.or	http://dx.doi.org/10.13
	Systems	Manoj K.				2332-	g/journals/article_info.	189/ujeee.2020.07030
		Shukla			2020	3299	php?aid=9364	6
	A Hybrid		Electronics	Wireless Personal				
	Scheme for	Mohit Kumar	Department	Communication,				
16	Low PAPR in	Srivastava,		Springer				
	Filter Bank	Manoj K.		Publication, 2020			https://link.springer.co	https://link.springer.co
	Multi Carrier	Shukla, A. K.				1572-		m/article/10.1007/s11
	Modulation	Shankhwar			2020	834X	277-020-07265-7	277-020-07265-7

	Least Square		Electronics	International				
	Channel		Department	Journal of				
	Estimation of		-	Emerging				
17	Wavelet Based			Technologies and				
		Nivedita		Innovative			http://www.jetir.org/p	httn://www.jetir.org/n
	System	Singh, Manoj		Research, 2019,		2349-	apers/JETIR1906V03.p	apers/JETIR1906V03.p
		K. Shukla		Vol 6	2019	5162	df	df
	A Heuristic		Electronics	Helix, 2019, Vol 9		0102		<u></u>
	Algorithm to		Department	2012, 1012				
	Find Power		·					
	Efficient Pre							
18	Configured							
	Cycles (PEP-							
	cycles) and	Prerna Singh,					https://helixscientific.p	httns://halivsciantific n
	Resolve NP	Prof. Rachana				2319-		ub/index.php/home/ar
	Hard Issues	Asthana			2019	5592	ticle/view/37	ticle/view/37
		7 10 11 10 11 10	Electronics					
			Department					
				International Journal				
	Peak Signal to			of Advance			https://www.ijariit.co	https://www.ijariit.co
19	Noise Ratio			Research, Ideas and			m/manuscript/peak-	m/manuscript/peak-
	Analysis in			Innovations in			signal-to-noise-ratio-	signal-to-noise-ratio-
	Single Image			Technology, Volume			analysis-in-single-	analysis-in-single-
	Restoration	Jyoti Pandey,		5, Issue 4, Page no.		2454-	image-restoration-	image-restoration-
	Technique	Krishna Raj		160-162, July 2019	2019	132X	technique/	technique/
	Floating-Point		Electronics					
	Butterfly		Department					
	Architecture			Journal of Emerging				
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	using Hybrid	Divya		Innovative Research		22.40	http://www.jetir.org/p	
	Number	Srivastava,		(JETIR) June 2019,	2042	2349-	apers/JETIR1906U95.p	apers/JETIR1906U95.p
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				Graphics and Signal				
				Processing, 2018, 1,				
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21	Image Blurring			Online January 2018				
	and Mix Noises			in MECS				
	Using Gaussian			(http://www.mecs-				
	Mixture and			press.org/) DOI:			https://www.mecs-	
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	Models	Krishna Raj		01.06	2018	9074(v10-n1/v10n1-6.html	15/ijigsp.2018.01.06
	"Contrast And		Electronics	International				
	Color		Department	Journal of			http://ijaem.net/count	
	Correction			Advances in			er.php?id=215&file=htt	
							p://ijaem.net/issue_dc	l' -
22	Techniques For			Engineering and			p/Contrast%20and%20	I • •
	Deep			Management				Color%20Correction%2
	Submarine			(IJAEM), Volume		2207	0Techniques%20for%2	
	C / 1 1	Sonal Yadav,		2, Issue 1, June,		2395-	0Deep%20Submarine%	•
		Krishna Raj		2020	2020	5252	20Images.pdf	20Images.pdf
	"Comparison		Electronics	International			er.php?id=186&file=htt	er.php?id=186&file=htt
	of image		Department	Journal of			p://ijaem.net/issue_dc	p://ijaem.net/issue_dc
23	dehazing using	Prakhar		Advances in			p/Comparison%20of%	p/Comparison%20of%
	dark channel	Kumar		Engineering and			20Image%20Dehazing	20Image%20Dehazing
	prior with edge	Sonkar,		Management		2395-	%20Using%20Dark%20	%20Using%20Dark%20
	preserving	Krishna Raj		(IJAEM), Volume	2020	5252	Channel%20Prior%20	Channel%20Prior%20
	Underwater		Electronics	International				
	Image		Department	Journal of Advance				
24	Enhancement			Research, Ideas				
	Using			and Innovations in			https://ieeexplore.ieee	https://ieeexplore.ieee
	Hybridized	Sonal Yadav,		Technology,		2454-	.org/document/92982	.org/document/92982
	Concept of	Krishna Raj		Volume 5, Issue 4,	2019	132X	31/	31/

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	Characteristics			Science and				
	In Cross		Берагинен	Technology			https://indjst.org/articl	
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	Filter Based on			Personal		Springer		
	Hardware			Communications DO		: DOI:		
26	Sharing			I: 10.1007/s11277-		10.1007		
	Architecture	Ajeet Kumar		021-09296-0		/s11277-	https://link.springer.co	https://link.springer.co
	Using CSD	Srivastva,				021-	m/article/10.1007/s11	m/article/10.1007/s11
	Coefficient	Krishna Raj			2021	09296-0	277-021-09296-0	277-021-09296-0
	An approach of		Electronics	International Journal				
	Extended Kalman		Department	for Research in				
	Filter in			Applied Science &				
	Cooperative Localization			Engineering				
	Localization			Technology				
27				(IJRASET) ISSN:				
27				2321-9653; IC				
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				Impact Factor: 7.429				
		Akanksha		Volume 9 Issue VII		ISSN:	https://www.ijraset.co	
		Katiyar		2021		2321-	m/fileserve.php?FID=3	http://dx.doi.org/10.22
		, Krishna Raj			2021	9653;	7017	214/ijraset.2021.37017
	STUDY OF		Electronics	INTERNATIONAL				DOI: 10.34218/IJEET.12
	TEMPLATE		Department	JOURNAL OF				<u>.6.2021.029</u>
	COMPRESSIO			ELECTRICAL		ISSN:	https://iaeme.com/Ma	
28	N IN IMAGE			ENGINEERING &		097665	sterAdmin/Journal_upl	
	CORRELATIO	Hema		TECHNOLOGY 12(45,	oads/IJEET/VOLUME_1	
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	MOTION	Krishna Raj			2021	53	6_029.pdf	

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	Design of		Electronics	International				
	Reconfigurable		Department	Journal of				
	Multi-Band			Electronicsand				
	Low-Noise			Communications,				
29	Amplifiers for			(2020),				
	802.11ah/b/g						https://www.sciencedi	
	and DCS-1800	Rajani Bisht,					rect.com/science/articl	
	Applications	M.J. Akhtar,				1434-	e/abs/pii/S1434841120	https://doi.org/10.101
		S. Qureshi			2020	8411	305331	6/j.aeue.2020.153201
	A review of an		Electronics	International			er.php?id=181&file=htt	
	ultra-low-		Department	Journal of			p://ijaem.net/issue_dc	
	power LNA			Advances in			p/A%20Review%20of%	
30	with High			Engineering and			20an%20ultra-low-	
	power gain for	Nishant		Management(IJAE		ISSN:	power%20LNA%20with	
	5-GHz	Kumar, Mrs.		M)		2395-	%20High%20power%2	DOI: 10.35629/5252-
	frequency band	Rajani Bisht				5252	0Gain%20for%205-	45122323
	A review of		Electronics	Journal of				
	different		Department	Advances in				
	techniques			Engineering and			http://ijaem.net/issue_	http://iiaem.net/issue
31	used to design			Management				dcp/A%20review%20of
31	a low- noise						1	%20different%20techni
	amplifier,	Ashutosh				ISSN:	ques%20used%20to%2	ques%20used%20to%2
	Volume 2,	Pandey, Ms.				2395-	0design%20a%20low-	0design%20a%20low-
	Issue 1, pp:	RajaniBisht				5252	noise%20amplifier.pdf	noise%20amplifier.pdf
	Design of Low-		Electronics	IJRASET				
	Power		Department					
	Reconfigurable							
32	LNA for Multi-							
32	Standard							
	Receiver, Volu	Ashutosh				ISSN:		
	me 8, Issue VI	Pandey , Ms.				2321-	http://doi.org/10.2221	http://doi.org/10.2221
	June	Rajani Bisht			2020	9653	4/ijraset.2020.6392	4/ijraset.2020.6392

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	Low-Noise		Department	Research Journal of		ISSN:258		
	amplifier			Modernization in		2-5208		
22				Engineering			https://www.irjmets.c	https://www.irjmets.c
33		Kailash		Technology and			om/uploadedfiles/pap	om/uploadedfiles/pap
		Kumar *1,		Science (IRJMETS),			er/volume3/issue_6_ju	er/volume3/issue_6_ju
		Mrs. Rajani		Volume:03/Issue:06/			ne_2021/11643/16280	ne_2021/11643/16280
		Bisht*		June-2021	2021		83471.pdf	83471.pdf
	Leakage Power		Electronics	International				
	Reduction in		Department	Journal				
	CMOS VLSI			forResearch in				
	Circuits using			Applied Science				
34	Advance			&Engineering				
	Leakage			Technology				
	Reduction	Ayush Tiwari ,				ISSN:2	https://www.ijraset.co	https://www.ijraset.co
	Method	Mrs. Rajani				321-	m/fileserve.php?FID=3	m/fileserve.php?FID=3
		Bisht			2021	9653	5065	5065
	Design of Carbon		Electronics	International journal		ISSN(on		
	Fiber Based	Iqra Absar	Department	of Research in		line)		
35	Reinforced	A.K.Shankha		Mechanical and civil				
33	Polymer Based Parabolic	war		engineering Vol.4,				
	Reflector	Jitendra.Bhas		Issue 5, May 2019.				
		kar		2456-1290	2019			
	Dongii, Tinaijois,	Rashmı	Electronics	Progress In		doi:		
	and Optimization of Dual Side		Department	Electromagnetics				
	Drintad Multihand	Ashok		<i>Research C</i> , Vol. 102, 79-91				
	Antenna for RF	Kumar		79-91				
35	Energy Harvesting	Shankhwar,						
	Applications,	and						
		Ashutosh						
		Singh						

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	Design and		Electronics	International		ISSN		
	Analysis of		Department	Journal of Emerging		2250-		
	Slotted Patch			Technology and		2459		
	Microstrip			Advanced				
37	Antenna			Engineering Volume				
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				2020.			/Volume10Issue5/IJET	
		Sadhana Pal, A. K. Shankhwar			2020		-	
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	Shaped Antenna		Department	Journal for		9, Issue		
	at Millimeter	i i i i i i i i i i i i i i i i i i i	Берагинени			VII, July		
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	spatial modulation and			Research in Applied				
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	wireless	Kumari1 , Dr.		Technology		ISSN		https://www.ijraset.co
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		Singh2		June 2021	2021	9653	14/ijraset.2021.35590	5590

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41	Efficient	Prabha		Technology				
	Adaptive SM in	Kumari1 , Dr.		(IJRASET), Volume-9,		ISSN		
	MIMO system by	Ashutosh		Issue IX, September		2321-	https://doi.org/10.222	https://www.iiraset.co
		Singh2		2021	2021	9653	_ ·	m/fileserve?FID=38144
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	Modularity	Bipin Gupta1	•	Advanced Trends in				
42	Based	, Dr. Ashutosh		Computer Science and				
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				Engineering			https://www.irjmets.c	· ·
43		Bipin Gupta,		Technology and			om/uploadedfiles/pap	
		Dr. Ashutosh		Science (IRJMETS),		ISSN:	er/volume3/issue_5_m	·
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	Community		Electronics	International Journal of			http://ijaem.net/issue_	
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		Dr. Ashutosh		Volume 2, Issue 1, pp: 480-483		2395-	%20Follower%20Nodes	
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