

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. NO.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	
							Link to website of the Journal	Link to article/paper/abstract of the article
1	<i>Pre-Configured</i> Cycle Protection With Optimal Wavelength Converters	Vidhi Gupta, Prof. Rachana Asthana	Electronics Department	MEMS (Mathematics in Engineering, Science and Aerospace) Scopus Indexed	2021	2041-3165	http://nonlinearstudies.com/index.php/mesa/article/view/2752	http://nonlinearstudies.com/index.php/mesa/article/view/2752
2	A Heuristic Approach For <i>Pre-Configured</i> Cycle Protection With Optimal Wavelength Converters	Vidhi Gupta, Prof. Rachana Asthana	Electronics Department	MEMS (Mathematics in Engineering, Science and Aerospace) Scopus Indexed	2021	2041-3165	http://www.nonlinearstudies.com/index.php/mesa/article/view/2755	http://www.nonlinearstudies.com/index.php/mesa/article/view/2755
3	Power Optimization in WDM Optical Network using	Perna Singh, Prof. Rachana Asthana	Electronics Department	Journal of The Institution of Engineers (India): Series B. Scopus Indexed	2021	2250-2114	https://link.springer.com/article/10.1007/s40031-020-00524-y	https://link.springer.com/article/10.1007/s40031-020-00524-y

4	Comparative Study of Spare capacity Optimization	Perna Singh, Prof. Rachana Asthana	Electronics Department	Nonlinear Optics, Quantum Optics: Concepts in Modern Optics Scopus Indexed	2020		https://web.s.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=15430537&AN=141468690&h=tMEtY6zwXPcS4KEJslGJRZ9xKdI6RKhjMJ8qjnNvwv93FicNo	
5	A Heuristic Algorithm to Find Power Efficient Pre-Configured Cycles (PEP-cycles) and Resolve NP Hard Issues	Perna 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.harvard.edu/abs/2019JIEIB.100..417J/abstract	https://ui.adsabs.harvard.edu/link_gateway/2019JIEIB.100..417J/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.sciencepubco.com/index.php/ijet/article/view/24521	http://dx.doi.org/10.14419/ijet.v7i4.41.24521

8	Power Efficiency with Optimized Power Routing and Dedicated Path Protection in Elastic Optical Networks	Deochandra Jaiswal, Prof. Rachana Asthana	Electronics Department	International Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepubco.com/index.php/ijet/article/view/24293	http://dx.doi.org/10.14419/ijet.v7i4.41.24293
9	MITA Interleaver for Integrated and Iterative IDMA Systems Over Powerline	Priyanka Agarwal, Prof. M. K. Shukla	Electronics Department	<u>Wireless Personal Communications, 2022, Vol 122</u>	2022	1572-834X	com.libproxy.viko.lt/article/10.1007/s11277-021-08961-8?error=cookies_not_supported&code=7647556b-5372-47f6-	https://doi-org.libproxy.viko.lt/10.1007/s11277-021-08961-8
10	Comparison of electrical energy and power of with different cells material in clear sky day condition	RohitTripathi, G.N.Tiwari, T.S.Bhatti, Manoj K.Shukla	Electronics Department	Materials Today Proceedings, 2021, Vol 47	2021	2214-7853	https://www.science-direct.com/science/article/pii/S2214785321058697	https://doi.org/10.1016/j.matpr.2021.09.072
11	Forensic Analysis of Third-Party Mobile Application	Shailendra Mishra, Manoj K. Shukla	Electronics Department	Helix, 2020, Vol 10	2020	2319-5592	https://helixscientific.pub/index.php/home/article/view/194	https://helixscientific.pub/index.php/home/article/view/194
12	Cloud Computing and Security in IoT Era	Yahya Absi, Shailendra Mishra, Manoj K. Shukla	Electronics Department	Helix, 2020, Vol 10	2020	2319-5592	https://helixscientific.pub/index.php/home/article/view/160	https://helixscientific.pub/index.php/home/article/view/160

13	Ultra-Wideband Technology: Standards, Characteristics and Applications	P. S. Sharma, Vijay Sandeep, Manoj K. Shukla	Electronics Department	Helix,2020, Vol 10	2020	2319-5592	https://helixscientific.pub/index.php/home/article/view/161	https://helixscientific.pub/index.php/home/article/view/161
14	Design and Development of IOT Based Smart Library using Line Follower Robot	P. S. Sharma, Vijay Sandeep, Manoj K. Shukla	Electronics Department	International Journal on Emerging Technologies,2020, Vol 11	2020	2249-3255	https://www.semanticscholar.org/paper/Design-and-Development-of-IOT-Based-Smart-Library-Gupta-Tripathi/86d0a7bac783ac613829f8a4910c9cb	https://www.semanticscholar.org/paper/Design-and-Development-of-IOT-Based-Smart-Library-Gupta-Tripathi/86d0a7bac783ac613829f8a4910c9cb
15	Transmit Antenna Selection Strategies for SC-FDMA-IDMA Massive MIMO Systems	Roopali Agarwal, Manoj K. Shukla	Electronics Department	Universal Journal of Electrical and Electronic Engineering,2020, Vol 7	2020	2332-3299	https://www.hrpub.org/journals/article_info.php?aid=9364	http://dx.doi.org/10.13189/ujeee.2020.070306
16	A Hybrid Scheme for Low PAPR in Filter Bank Multi Carrier Modulation	Mohit Kumar Srivastava, Manoj K. Shukla, A. K. Shankhwar	Electronics Department	Wireless Personal Communication, Springer Publication, 2020	2020	1572-834X	https://link.springer.com/article/10.1007/s11277-020-07265-7	https://link.springer.com/article/10.1007/s11277-020-07265-7

17	Least Square Channel Estimation of Wavelet Based MIMO-OFDM System	Nivedita Singh, Manoj K. Shukla	Electronics Department	International Journal of Emerging Technologies and Innovative Research, 2019, Vol 6	2019	2349-5162	http://www.jetir.org/papers/JETIR1906V03.pdf	http://www.jetir.org/papers/JETIR1906V03.pdf
18	A Heuristic Algorithm to Find Power Efficient Pre Configured Cycles (PEP-cycles) and Resolve NP Hard Issues	Perna Singh, Prof. Rachana Asthana	Electronics Department	Helix, 2019, Vol 9	2019	2319-5592	https://helixscientific.pub/index.php/home/article/view/37	https://helixscientific.pub/index.php/home/article/view/37
19	Peak Signal to Noise Ratio Analysis in Single Image Restoration Technique	Jyoti Pandey, Krishna Raj	Electronics Department	International Journal of Advance Research, Ideas and Innovations in Technology, Volume 5, Issue 4, Page no. 160-162, July 2019	2019	2454-132X	https://www.ijariit.com/manuscript/peak-signal-to-noise-ratio-analysis-in-single-image-restoration-technique/	https://www.ijariit.com/manuscript/peak-signal-to-noise-ratio-analysis-in-single-image-restoration-technique/
20	Floating-Point Butterfly Architecture Representation using Hybrid Number Representation	Divya Srivastava, Krishna Raj	Electronics Department	Journal of Emerging Technologies and Innovative Research (JETIR) June 2019, Volume 6, Issue 6	2019	2349-5162	http://www.jetir.org/papers/JETIR1906U95.pdf	http://www.jetir.org/papers/JETIR1906U95.pdf

21	Removal of Image Blurring and Mix Noises Using Gaussian Mixture and Variation Models	Vipul Goel, Krishna Raj	Electronics Department	International Journal of Image, Graphics and Signal Processing, 2018, 1, 47-55 Published Online January 2018 in MECS (http://www.mecspress.org/) DOI: 10.5815/ijigsp.2018.01.06	2018	2074-9074(https://www.mecspress.org/ijigsp/ijigsp-v10-n1/v10n1-6.html	http://dx.doi.org/10.5815/ijigsp.2018.01.06
22	“Contrast And Color Correction Techniques For Deep Submarine Images”, pp: 514-518	Sonal Yadav, Krishna Raj	Electronics Department	International Journal of Advances in Engineering and Management (IJAEM), Volume 2, Issue 1, June, 2020	2020	2395-5252	http://ijaem.net/counter.php?id=215&file=http://ijaem.net/issue_dcp/Contrast%20and%20Color%20Correction%20Techniques%20for%20Deep%20Submarine%20Images.pdf	http://ijaem.net/counter.php?id=215&file=http://ijaem.net/issue_dcp/Contrast%20and%20Color%20Correction%20Techniques%20for%20Deep%20Submarine%20Images.pdf
23	“Comparison of image dehazing using dark channel prior with edge preserving	Prakhar Kumar Sonkar, Krishna Raj	Electronics Department	International Journal of Advances in Engineering and Management (IJAEM), Volume	2020	2395-5252	er.php?id=186&file=http://ijaem.net/issue_dcp/Comparison%20of%20Image%20Dehazing%20Using%20Dark%20Channel%20Prior%20	er.php?id=186&file=http://ijaem.net/issue_dcp/Comparison%20of%20Image%20Dehazing%20Using%20Dark%20Channel%20Prior%20
24	Underwater Image Enhancement Using Hybridized Concept of	Sonal Yadav, Krishna Raj	Electronics Department	International Journal of Advance Research, Ideas and Innovations in Technology, Volume 5, Issue 4,	2019	2454-132X	https://ieeexplore.ieee.org/document/9298231/	https://ieeexplore.ieee.org/document/9298231/

25	Role Of Pattern Characteristics In Cross Correlation Based Motion Estimation, (3114-3125)	Hema Tekwani, Krishna Raj	Electronics Department	Indian Journal of Science and Technology	2021	Print ISSN : 0974-6846	https://indjst.org/articles/role-of-pattern-characteristics-in-cross-correlation-based-motion-estimation	https://doi.org/10.17485/IJST/v14i41.1137
26	An Efficient FIR Filter Based on Hardware Sharing Architecture Using CSD Coefficient	Ajeet Kumar Srivastva, Krishna Raj	Electronics Department	Springer: Wireless Personal Communications DOI: 10.1007/s11277-021-09296-0	2021	Springer : DOI: 10.1007/s11277-021-09296-0	https://link.springer.com/article/10.1007/s11277-021-09296-0	https://link.springer.com/article/10.1007/s11277-021-09296-0
27	An approach of Extended Kalman Filter in Cooperative Localization	Akanksha Katiyar, Krishna Raj	Electronics Department	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 9 Issue VII 2021	2021	ISSN: 2321-9653;	https://www.ijraset.com/fileserve.php?FID=37017	http://dx.doi.org/10.22214/ijraset.2021.37017
28	STUDY OF TEMPLATE COMPRESSION IN IMAGE CORRELATION BASED MOTION	Hema Tekwani, Krishna Raj	Electronics Department	INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY 12(6)	2021	ISSN: 09766545, 09766553	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_12_ISSUE_6/IJEET_12_06_029.pdf	DOI: 10.34218/IJEET.12.6.2021.029

29	Design of Reconfigurable Multi-Band Low-Noise Amplifiers for 802.11ah/b/g and DCS-1800 Applications	Rajani Bisht, M.J. Akhtar, S. Qureshi	Electronics Department	International Journal of Electronics and Communications, (2020),	2020	ISSN: 1434-8411	https://www.sciencedirect.com/science/article/abs/pii/S1434841120305331	https://doi.org/10.1016/j.aeue.2020.153201
30	A review of an ultra-low-power LNA with High power gain for 5-GHz frequency band	Nishant Kumar, Mrs. Rajani Bisht	Electronics Department	International Journal of Advances in Engineering and Management(IJAEM)		ISSN: 2395-5252	http://ijaem.net/issue_dcp/A%20Review%20of%20an%20ultra-low-power%20LNA%20with%20High%20power%20Gain%20for%205-	DOI: 10.35629/5252-45122323
31	A review of different techniques used to design a low- noise amplifier, Volume 2, Issue 1, pp:	Ashutosh Pandey, Ms. Rajani Bisht	Electronics Department	Journal of Advances in Engineering and Management		ISSN: 2395-5252	http://ijaem.net/issue_dcp/A%20review%20of%20different%20techniques%20used%20to%20design%20a%20low-noise%20amplifier.pdf	http://ijaem.net/issue_dcp/A%20review%20of%20different%20techniques%20used%20to%20design%20a%20low-noise%20amplifier.pdf
32	Design of Low-Power Reconfigurable LNA for Multi-Standard Receiver, Volume 8, Issue VI June	Ashutosh Pandey, Ms. Rajani Bisht	Electronics Department	IJRASET	2020	ISSN: 2321-9653	http://doi.org/10.22214/ijraset.2020.6392	http://doi.org/10.22214/ijraset.2020.6392

33	A Review on Low-Noise amplifier	Kailash Kumar *1, Mrs. Rajani Bisht*	Electronics Department	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Volume:03/Issue:06/June-2021	2021	e-ISSN:2582-5208	https://www.irjmets.com/uploadedfiles/paper/volume3/issue_6_june_2021/11643/1628083471.pdf	https://www.irjmets.com/uploadedfiles/paper/volume3/issue_6_june_2021/11643/1628083471.pdf
34	Leakage Power Reduction in CMOS VLSI Circuits using Advance Leakage Reduction Method	Ayush Tiwari , Mrs. Rajani Bisht	Electronics Department	International Journal for Research in Applied Science & Engineering Technology	2021	ISSN:2321-9653	https://www.ijraset.com/fileserve.php?FID=35065	https://www.ijraset.com/fileserve.php?FID=35065
35	Design of Carbon Fiber Based Reinforced Polymer Based Parabolic Reflector	Iqra Absar A.K.Shankhwar Jitendra.Bhaskar	Electronics Department	<i>International journal of Research in Mechanical and civil engineering</i> Vol.4, Issue 5, May 2019. 2456-1290	2019	ISSN(online)		
35	Design, Analysis, and Optimization of Dual Side Printed Multiband Antenna for RF Energy Harvesting Applications,	Rashmi Pandey, Ashok Kumar Shankhwar, and Ashutosh Singh	Electronics Department	<i>Progress In Electromagnetics Research C</i> , Vol. 102, 79-91		doi:		


37	Design and Analysis of Slotted Patch Microstrip Antenna	Sadhana Pal, A. K. Shankhwar	Electronics Department	<i>International Journal of Emerging Technology and Advanced Engineering</i> Volume 10, Issue 05, May, 2020.	2020	ISSN 2250-2459	https://ijetae.com/files/Volume10Issue5/IJETAE_0520_17.pdf	
38	Energy Efficiency Adapted Sector based Stable Election Protocol in Wireless Sensor Networks	Pooja Nishad1 , Ashok Kumar Shankhwar2	Electronics Department	<i>International Journal for Research in Applied Science and Technology</i> .Volume 8,issueVI, June 2020	2020	.doi: 10.22214	https://www.ijraset.com/files/serve.php?FID=29888	
39	Dual band T Shaped Antenna at Millimeter Wave Frequency for 5G	Prishail Mishra1 , Dr. A.K. Shankhwar	Electronics Department	<i>International Journal for Research in Applied Science and Technology</i> .	2021	Volume 9, Issue VII, July 2021.doi : 10.22214	https://doi.org/10.22214/ijraset.2021.36716	https://www.ijraset.com/files/serve.php?FID=36716
40	A survey on spatial modulation and MIMO system for emerging wireless communications, DOI 10.22214	Prabha Kumari1 , Dr. Ashutosh Singh2	Electronics Department	<i>International Journal of Research in Applied Science and Engineering Technology (IJRASET)</i> , Volume-9, June 2021	2021	ISSN 2321-9653	https://doi.org/10.22214/ijraset.2021.35590	https://www.ijraset.com/files/serve.php?FID=35590

41	Performance Analysis of Spectrally Efficient Adaptive SM in MIMO system by using QAM	Prabha Kumari ¹ , Dr. Ashutosh Singh ²	Electronics Department	International Journal of Research in Applied Science and Engineering Technology (IJRASET), Volume-9, Issue IX, September 2021	2021	ISSN 2321-9653	https://doi.org/10.22214/ijraset.2021.38144	https://www.ijraset.com/fileserve?FID=38144
42	Modularity Based Community Detection in Dynamic Social Networks	Bipin Gupta ¹ , Dr. Ashutosh Singh ² , Dr. A.K. Shankhwar ³	Electronics Department	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE), Article No. 18, Volume 10, No. -4, July-August 2021	2021	ISSN 2278-3091	https://doi.org/10.30534/ijatcse/2021/18104	https://www.warse.org/IJATCSE/static/pdf/file/ijatcse181042021.pdf
43	Comparative Analysis of Community Detection	Bipin Gupta, Dr. Ashutosh Singh	Electronics Department	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Volume 03, Issue 05, May 2021	2021	ISSN: 2582-5208	https://www.irjmets.com/uploadedfiles/paper/volume3/issue_5_may_2021/10519/1628083422.pdf	https://www.irjmets.com/uploadedfiles/paper/volume3/issue_5_may_2021/10519/1628083422.pdf
44	Community Detection with Influential and Follower Nodes	Avani Kesarwani, Dr. Ashutosh Singh	Electronics Department	International Journal of Advances in Engineering and Management (IJAEM) Volume 2, Issue 1, pp: 480-483 www.ijaem.net , July	2020	ISSN: 2395-5252	http://ijaem.net/issue_certificate/Community%20Detection%20with%20Influential%20and%20Follower%20Nodes.pdf	
45	A Survey on Successor of LEACH protocols and base station mobility pattern	Shivani Singh, Ashutosh Singh	Electronics Department	International Journal of Advance Research, Idea and Innovation in Technology, Vol. 5, Issue 4, Page No. 23-28, July 2019	2019	ISSN: 2454-132X	https://www.ijariit.com/manuscripts/v5i4/V5i4-1136.pdf	

46	A Study on Low Density Parity-Check Codes	Priya Verma, Dr. Ashutosh Singh	Electronics Department	International Journal of Advance Research, Ideas and Innovations in Technology, Vol. 5, Issue 3, page No. 2208-2215, June 2019	2019	ISSN: 2454-132X,		
47	A study on rumour spreading in complex network	Princy Bajpai, Ashutosh Singh	Electronics Department	International Journal of Advance Research, Ideas and Innovations in Technology, volume 5, issue 3, pp 2273-2278, June 2019	2019	ISSN: 2454-132X		
48	Ensuring the spread of referral marketing campaigns: a quantitative treatment	Syantari Ghosh, Kumar Gaurav, Saumik Bhattacharya & Yatindra Nath Singh	Electronics Department	Scientific Reports, Nature Research/ July 2020/	2020	2045 - 2322		
49	Viral Marketing on Social Networks: An Epidemiological Perspective	Saumik Bhattacharya, Kumar Gaurav, Syantari Ghosh	Electronics Department	Physical A: Statistical Mechanics and its Applications/ March 2019/ Vol. 525,	2019	0378-4371	https://www.sciencedirect.com/science/article/abs/pii/S0378437119302274	https://drive.google.com/file/d/13g7JVNWMrJuM6UUUtdl3Z2OpbLL2T/view?usp=sharing

50	Dual band rectangular patch antenna array with defected ground structure for ITS application; pp-228-237	Nand Kishore, Gaurav Upadhyay, Vijay Shanker Tripathi, and Arun Prakash	Electronics Department	AEU-International Journal of Electronics and Communications, Elsevier Publication , 96, October 2018	2018	1434-8411	https://www.sciencedirect.com/science/article/abs/pii/S1434841118300104	https://drive.google.com/file/d/1b77HIVWexfagfqpafe2532hPGDjwobki/view?usp=sharing
51	PIN-Diode Based Slotted Reconfigurable Multiband Antenna Array for Vehicular Communication; pp-16-19	Gaurav Upadhyay, Nand Kishore, Prashant Ranjan, Shivesh Tripathi, V. S. Tripathi	Electronics Department	International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, WASET, vol. 12, no.1, 2018	2018	1307-6892	https://publications.waset.org/10009362/pin-diode-based-slotted-reconfigurable-multiband-antenna-array-for-vehicular-communication	https://publications.waset.org/10009362/pin-diode-based-slotted-reconfigurable-multiband-antenna-array-for-vehicular-communication
52	Frequency Reconfigurable Multiband Patch Antenna Using PIN-Diode for ITS Applications; pp-735-739	Gaurav Upadhyay, Nand Kishore, Prashant Ranjan, V. S. Tripathi, Shivesh Tripathi	Electronics Department	International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, WASET, 2018	2018	1307-6892	https://publications.waset.org/10009660/frequency-reconfigurable-multiband-patch-antenna-using-pin-diode-for-its-applications	https://publications.waset.org/10009660/frequency-reconfigurable-multiband-patch-antenna-using-pin-diode-for-its-applications

53	High-Gain Patch Antenna Design using PRS and Ground plane Reflector for THz band Applications;	Kushwaha, R. K., Karuppanan, P., & Kishore, N.	Electronics Department	Optik-2021, April-2021, vol-232	2021	0030-4026	https://www.sciencedirect.com/science/article/abs/pii/S0030402621002849	https://drive.google.com/file/d/1ydZU5NVdEZ5fxEWhOjrCYe1EIMek3zhJ/view?usp=sharing
54	Novel approach for high frequency generation using SVM technique with solid state Transformer		Electronics Department	International Research journal of Science Engineering & Technology	2020	2454-3195		
55	High-performance photo detector based on hydrothermally grown SnO ₂ nanowire/reduced graphene oxide (rGO)	Manish KumarSingh Rajiv K.PandeyRajivPrakash	Electronics Department	Organic Electronics	2017	1566-1199	https://www.sciencedirect.com/science/article/abs/pii/S1566119917304135	https://doi.org/10.1016/j.orgel.2017.08.016

56	Lanthanide doped ultrafine hybrid nanostructures: multicolor luminescence, up-conversion based energy transfer and	 Priyam Singh, ^{‡a} Praveen Kumar Shahi, ^{‡a} Sunil Kumar Singh, ^{*b} Akhilesh Kumar Singh, ^a Manish Kumar	Electronics Department	Nanoscale	2017	2040-3372	https://pubs.rsc.org/en/content/articlelanding/2017/nr/c6nr07250j	https://doi.org/10.1039/C6NR07250J
57	Self-assembly of regioregular poly (3, 3'' didodecylquarterthiophene) in chloroform and study of its	<u><i>Singh, Manish Kumar, Kumar, Ashish, Prakash, Rajiv</i></u>	Electronics Department	Materials Science & Engineering: B	2017	ISSN: 0921-5107	https://ur.booksc.me/book/64041304/584f30	10.1016/j.mseb.2017.01.005
58	Self-assembly of regioregular poly [2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene], poly(BTTT-C14) in solvent-	Manish Kumar Singh, Ashish Kumar, Rajiv Prakash	Electronics Department	Organic Electronics	2017	1566-1199	https://en.x-mol.com/paper/article/374876	http://doi.org/10.1016/j.orgel.2017.07.039

58	DNA assisted regioregular poly (3, 3''-didodecylquaterthiophene), rr-PQT-12 fiber:Organic bio-electronic	<u>M. Singh, Ashish Kumar, R. Prakash</u>	Electronics Department	Organic Electronics	2018	1566-1199	https://www.semantic-scholar.org/paper/DNA-assisted-regioregular-poly-(3%2C-rr-PQT-12-fiber%3A-Singh-Kumar/997d0d153bb8c4fcc1e66c023633e1d5e81fdbb0	https://www.semantic-scholar.org/paper/DNA-assisted-regioregular-poly-(3%2C-rr-PQT-12-fiber%3A-Singh-Kumar/997d0d153bb8c4fcc1e66c023633e1d5e81fdbb0
60	Fast grown self-assembled polythiophene/grapheneoxide nanocomposite thin films at air-liquid interface with high mobility used in polymer thin filmtransistors.	Nikhil, Rajiv K. Pandey, Praveen Kumar Sahu, Manish Kumar Singh and Rajiv Prakash	Electronics Department	Journal of Materials Chemistry C, Vol. 6, 2018	2018	ISSN: 2050-7534	https://pubs.rsc.org/en/content/articlelanding/2018/tc/c8tc02485e	
61	“A Analytical Drain Current Model of Gate-On-Source/Channel SOI-TFET with Back Gate,” pp. 3031–3039	<u>Suman Kr. Mitra & Brinda Bhowmick</u>	Electronics Department	Silicon, vol. 11, no. 6, 2019 (March),	2019	1876-9918	https://link.springer.com/article/10.1007/s12633-019-0090-7	

62	“Impact of Interface Traps on Performance of Gate-on-Source/Channel SOI TFET,” pp. 1–12	S. Mitra, B. Bhowmick	Electronics Department	Microelectronics Reliability, vol. 94, , 2019 (January).	2019	0026-2714	https://www.sciencedirect.com/science/article/abs/pii/S002627141830427X?via%3Dihub	https://doi.org/10.1016/j.microrel.2019.01.004
63	A Novel Reflector Antenna with Feed of Dipole arm Based Microstrip Antenna	Aditya Kumar, Dharmendra Kumar Singh	Electronics Department	IJAEM, 2020, Volume 2, Issue 1, DOI: 10.35629/5252-45122323	2020	ISSN: 2395-5252		http://ijaem.net/counter.php?id=188&file=http://ijaem.net/issue_dcp/A%20Novel%20Reflector%20Antenna%20with%20Feed%20of%20Dipole%20arm%20Based%20Microstrip%20Antenna.pdf
64	Study on Different Structure of Dielectric Resonator Antenna gain	Vaishali Kushawaha1 and Dharmendra Kumar Singh	Electronics Department	International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 07 July 2021	2021	e-ISSN: 2395-0056		https://www.irjet.net/archives/V8/i7/IRJET-V8I7236.pdf
65	A Study on Wireless Transceiver for Visible Light Communication		Electronics Department	International Journal of Scientific Research and Engineering Development— Volume 4 Issue 3, May-June 2021	2021	ISSN : 2581-7175		

66	Analysis of Visible Light Communication Based Transceiver through Different Modulation		Electronics Department	International Journal of Scientific Research and Engineering Development— Volume 4 Issue 5, Sep- Oct 2021	2021	ISSN : 2581-7175	
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68	An approach of Extended Kalman Filter in Cooperative Localization	Akanksha Katiyar1 , Krishna Raj2	Electronics Department	ISRASET	2021	Jul-21	https://www.ijraset.com/files/serve.php?FID=37017
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70	Millimeter-Wave Antenna for Intelligent Transportation System	Nand Kishore, Gaurav Upadhyay, Vijay Shanker Tripathi, and Arun Prakash	Electronics Department	Journal of Microwaves, Optoelectronics and Electromagnetic Applications	2018	2179-1074	http://www.jmoe.org/index.php/jmoe/article/view/664	https://drive.google.com/file/d/15q2bElyenc5ScaaVj98TSO0-FWJN7Cs/view?usp=sharing
71	loaded switchable multiband microstrip patch antenna for ITS	Upadhyay, Nand Kishore, Saurabh Raj, Shivesh Tripathi, Vijay	Electronics Department	IET Microwaves, Antennas and Propagation	2018	1751-8733	Dual-feed CSRR-loaded switchable multiband microstrip patch antenna for ITS application	https://drive.google.com/file/d/1rQagxZ-exLW5NvzxsWDiIM_DXROXMK_U/view?usp=sharing
72	A reconfigurable ultra wideband antenna with defected ground structure for ITS application	Nand Kishore, Arun Prakash, and Vijay Shanker Tripathi	Electronics Department	AEU-International Journal of Electronics and Communications, Elsevier Publication	2017	1434-8411	https://www.sciencedirect.com/science/article/abs/pii/S1434841116304472	