

List of SCI/Scopus/Reputed Journal Publications by ECE Faculty

Session (July, 2014-June,2015)

S No.	Name of Author(s)	Title of Paper	Name of the Journal	Volume No. / Issue No./ Page numbers/ ISSN	Month, Year of Publication	National/ International	Refereed/ Non-Refereed	DOI	Indexing	Citations	Impact Factor
1.	Cheena Jain and Sandeep Singh Gill	Carbon Nano Tube Field Effect Transistor Based 4-Bit Full Adder Cell	British Journal of Applied Science & Technology	Vol. 4 Issue 25, pp. 3678-3686	September, 2014	International	Refereed	doi10.9734/BJAST/2014/10586	cross ref, ISI Web of Science	0	0
2.	Gurinder Singh, Ameeta Seehra, Sukhbir Singh	Investigation on order and width of RZ super Gaussian pulse in different WDM systems at 40 Gb/s using dispersion compensating fibers	Optik - International Journal for light and Electron Optics (Elsevier)	Vol. 125, Issue 16, pp. 4270-4273, ISSN: 347-5162	August, 2014	International	Refereed	doi:10.1016/j.ijleo.2014.04.010	SCIE, Scopus	13	3.1
3.	Balwinder S. Dhaliwal, Shyam S. Pattnaik	Performance comparison of bio-inspired optimization algorithms for Sierpinski gasket fractal antenna design	Neural Computing and Applications (Springer)	ISSN:0941-0643	March, 2015	International	Refereed	doi:10.1007/s00521-015-1879-y	SCIE, Scopus	21	6

4.	Urvinder Singh, Munish Rattan	Design of Linear and Circular Antenna Arrays Using Cuckoo Optimization Algorithm	Progress In Electromagnetics Research C	Vol. 46, pp. 1-11, ISSN: 1937-8718	2014	International	Refereed	doi:10.2528/PIERC13110902	Elsevier's SCOPUS and Compendex	94	0
5.	Urvinder Singh, Munish Rattan	Design of thinned concentric circular antenna arrays using firefly Algorithm	Microwaves, Antennas & Propagation, IET	Vol. 8, Issue 12, pp.894-900, ISSN: 1751-8725	September, 2014	International	Refereed	doi:10.1049/iet-map.2013.0695	SCI, SCOPUS, SCIE, WOS	28	1.824

Session (July, 2015-June,2016)

S No.	Name of Author(s)	Title of Paper	Name of the Journal	Volume No. / Issue No./ Page numbers/ ISSN	Month, Year of Publication	National/ International	Refereed/ Non-Refereed	DOI	Indexing	Citations	Impact Factor
1.	Jugminder Kaur, Sandeep S. Gill , and Balwinder Singh Dhaliwal	Secure Trust Based Key Management Routing Framework for Wireless Sensor Networks	Journal of Engineering (Hindawi)	Vol. 2016, pp. 1 – 9. ISSN: 2314-4904	February, 2016	International	Refereed	http://dx.doi.org/10.1155/2016/2089714	Scopus	23	2.7
2.	Sandeep Singh Gill , Jaidev Kausik, Navneet Kaur	Performance Analysis of 20 nm Si and Ge channel based Pentagonal and Trapezoidal NWT	International Journal of Circuits and Electronics	Vol. 1, pp. 174-184, ISSN: 2367-8879	March, 2016	International	Refereed	Refereed	ELSEVIER	2	0
3.	Gurveer Kaur, Amandeep Kaur, Gurpreet Kaur Toor, Balwinder Singh Dhaliwal and Shyam Sundar Pattnaik	Antennas for Biomedical Applications	Biomedical Engineering Letters (Springer)	Vol. 5, No. 3, pp. 203 – 212	September, 2015	International	Refereed	10.1007/s13534-015-0193-z	SCOPUS, SCIE	49	4.6

4.	Balwinder S. Dhaliwal and Shyam S. Pattnaik	Performance Comparison of Bio-Inspired Optimization Algorithms for Sierpinski Gasket Fractal Antenna Design	Neural Computing and Applications (Springer)	Vol. 27, no. 3, pp. 585-592, Print ISSN:0941-0643, Online ISSN:1433-3058	April, 2016	International	Refereed	DOI: 10.1007/s00521-015-1879-y	Science Citation Index Expanded (SciSearch), SCOPUS,	21	6
5.	Balwinder S. Dhaliwal and Shyam S. Pattnaik	BFO-ANN Ensemble Hybrid Algorithm to Design Compact Fractal Antenna for Rectenna System	Neural Computing and Applications (Springer)	pp 1–12	June, 2016	International	Refereed	DOI: 10.1007/s00521-016-2402-9	Science Citation Index Expanded (SciSearch) SCOPUS,	29	6
6.	Urvinder Singh, Rohit Salgotra, Munish Rattan	A Novel Binary Spider Monkey Optimization Algorithm for Thinning of Concentric Circular Antenna Arrays	IETE Journal of Research (Taylor & Francis)	Vol. 62, Issue 6, pp. 736-744	##### #####	International	Refereed	10.1080/03772063.2015.1135086	WOS, SCIE, Scopus	104	1.877

Session (July, 2016-June, 2017)

S No.	Name of Author(s)	Title of Paper	Name of the Journal	Volume No. / Issue No./ Page numbers/ ISSN	Month, Year of Publication	National/ International	Refereed/ Non-Refereed	DOI	Indexing	Citations	Impact Factor
1.	Harsimranjit Singh Gill, Kamaljit Singh Bhatia and Sandeep Singh Gill	Analysis of secured Optical Orthogonal Frequency Division Multiplexed System	International Journal of Optical Communications	pp. 1-5, ISSN (Online) 2191-6322, ISSN (Print) 0173-4911	August, 2016	International	Refereed	DOI: 10.1515/joc-2016-0075	Elsevier - SCOPUS	2	0
2.	Navneet Kaur, Sandeep Singh Gill and Munish Rattan	Performance Analysis of Dual Material Gate (DMG) Symmetric Dual-k Spacer (SDkS) Tri-Gate FinFET	The Institution of Engineers (India), Electronics and Telecommunication Engineering Division Board, Annual Technical Volume	pp.98-102, ISBN : 978-81-932567-1-8	October, 2016	National	Refereed	—	Scopus, https://www.ieindia.org/PDF_IMAGES/CouncilData/ATV_ETDB.pdf	10	0
3.	Satyam Shukla, Sandeep Singh Gill, Navneet Kaur	Comparative Simulation Analysis of Process Parameters variations in 20nm Triangular FinFET	Active and Passive Electronic Components	pp.1-8, Vol 2017	March, 2017	International	Refereed	https://doi.org/10.1155/2017/5947819	Scopus, https://www.hindawi.com/journals/apec/ai/	19	0
4.	Jasmeet Kaur, Sandeep Singh Gill,	Optimization of CMOS Repeater Driven Interconnect RC	Journal of Shanghai Jiaotong University(Scien	Vol. 22, Issue 2, pp. 167-172, ISSN: 2367-	March, 2017	International	Refereed	10.1007/s12204-017-1817-5	http://www.springer.com/engineering/ele	2	0

	Navneet Kaur	line using Genetic Algorithm	ce) - Springer	8879					electronics/journal/12204		
5.	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	A Linear Mutually Coupled Parallel Dipole Antenna Array Failure Correction Using Bat Algorithm.	Progress In Electromagnetics Research M	Vol. 54, pp.9–18, ISSN: 1937-8726	February, 2017	International	Refereed	http://www.jpier.org/PIERM/pierm54/02.16120202.pdf	(Elsevier's SCOPUS)	5	0
6.	M. Kaur, Munish Rattan, P. Singh	Automatic Segmenting Structures in MRI's Based on Texture Analysis and Fuzzy Logic	Sensing and Imaging	Vol. 18, No. 2, E ISSN:1557-2072	December, 2016	International	Refereed	DOI:10.1007/s11220-016-0151-6	scopus	2	0
7.	Gagandeep Kaur, Munish Rattan & Chahat Jain	Optimization of Swastika Slotted Fractal Antenna using Genetic Algorithm and Bat Algorithm for S-band Utilities	Wireless Personal Communications	Vol. 97, pp. 95–107	May, 2017	International	Refereed	https://doi.org/10.1007/s11277-017-4495-6	SCIE	15	2.2
8.	Avneet Kaur, Baljeet Kaur, Kuldeepak Singh	Design and Performance analysis of bidirectional TWDM-PON employing QAM-OFDM for downstream and remodulation for upstream	Optik - International Journal for Light and Electron Optics	Vol. 134, ISSN: 0030-4026, pp. 287-294	April, 2017	International	Refereed	doi.org/10.1016/j.ijleo.2017.01.009	SCIENCE CITATION INDEX, SCOPUS	25	3.1

9.	Aakshi Sharma, Sapanjot Kaur , Rajan Miglani, Jagjit Singh Malhotra	Implementation of all optical full-addition module based on SOA non linearity	Journal of Optics	Vol. 46, No. 1, pp. 43 – 50	March, 2017	International	Refereed	DOI 10.1007/s12596-016-0341-6	SCOPUS, ESCI	0	1.8
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Session (July, 2017-June, 2018)

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1.	Harsimranjit Singh Gill, Sandeep Singh Gill Kamaljit Singh Bhatia	A novel approach for physical layer security in future-generation passive optical networks	Photonic Network Communications . Springer	Vol. 35, Issue 2, pp 141–150, ISSN: 1387-974X. (SCI/Scopus indexed)	April, 2018	International	Refereed	https://doi.org/10.1007/s11107-017-0738-4	Science Citation Index, Science Citation Index Expanded (SciSearch), SCOPUS	8	1.768
2.	Navneet Kaur, Munish Rattan, Sandeep Singh Gill	Performance optimization of Broadwell-Y shaped transistor using Artificial Neural Network and Moth-Flame Optimization Technique	Majlesi Journal of Electrical Engineering	Vol 12 No 1, p-ISSN: 2345-377X	March, 2018	International	Refereed	http://mjee.iaumajlesi.ac.ir/index.php/ee/article/view/2231	http://mjee.iaumajlesi.ac.ir/index.php/ee/about/editorialPolicies#custom-0, (Scopus)	10	0
3.	Sanjeev Kumar, Sandeep Singh Gill, Kuldeepak Singh	Performance Investigation of Inter-satellite Optical Wireless Communication (IsOWC) System Employing Multiplexing Techniques	Wireless Personal Communications , Springer	Vol.98, Issue 1, pp. 1461–1472, ISSN: 0929-6212.	January, 2018	International	Refereed	https://doi.org/10.1007/s11277-017-4926-4	(SCI/Scopus indexed)	24	2.2

4.	Harsimranjit Singh Gill, Sandeep Singh Gill, Kamaljit Singh Bhatia	A novel chaos-based encryption approach for future-generation passive optical networks using SHA-2	IEEE/OSA Journal of Optical Communications and Networking	Vol. 9, Issue: 12, pp. 1184-1190	December, 2017	International	Refereed	10.1364/JOCN.9.001184	(SCI/Scopus indexed)	21	5
5.	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	A Linear Antenna Array Failure Correction Using Improved Bat Algorithm	International Journal of RF and Microwave Computer-aided Engineering (Wiley) (Impact Factor 0.524)	Vol. 27, Issue 7, pp. 1-16	September, 2017	International	Refereed	10.1002/mce.21119	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-047X/homepage/ProductInformation.html , (SCI expanded, SCOPUS, WOS)	28	1.987
6.	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	A Non-Uniform Circular Antenna Array Failure Correction Using Firefly Algorithm	Wireless Personal Communications (springer) (Impact Factor 0.701 (2015))	Vol.97, Issue 1, pp 845–858	November, 2017	International	Refereed	DOI 10.1007/s11277-017-4540-5	http://www.springer.com/engineering/signals/journal/11277 , (SCI expanded, SCOPUS)	23	2.2
7.	Balwinder Singh Dhaliwal, Shyam Sundar Pattnaik	Development of PSO-ANN Ensemble Hybrid Algorithm and Its Application in Compact Crown	Wireless Personal Communications	Vol. 96, No. 1, 2017, pp. 135-152.	2017	International	Refereed	DOI 10.1007/s11277-017-4157-8	Science Citation Index Expanded (SciSearch), Journal	34	2.2

		Circular Fractal Patch Antenna Design							Citation Reports/Science Edition, SCOPUS		
8.	Pushkar Mishra, Shayam S. Pattnaik, Balwinder Singh Dhaliwal	Square-Shaped Fractal Antenna under Metamaterial Loaded Condition for Bandwidth Enhancement	Progress In Electromagnetics Research C	Vol. 78, 2017, pp. 183–192	2017	International	Refereed		Elsevier's SCOPUS and Compendex now	11	0
9.	Kiranjot Kaur, Munish Rattan & Manjeet Singh Patterh	Cuckoo Search Based Optimization of Multiuser Cognitive Radio System Under the Effect of Shadowing	Wireless Personal Communications An International Journal	Vol. 99 No. 3, ISSN 0929-6212, pp-1217-1230	April, 2018	International	Refereed	DOI 10.1007/s11277-017-5181-4	https://link.springer.com/article/10.1007/s11277-017-5181-4, (Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, SCOPUS, Google Scholar)	8	2.2
10.	Ravneet Kaur, Harminder Kaur	Comparative analysis of chirped, AMI and DPSK modulation techniques in IS-	Optik - International Journal for Light and Electron Optics (Elsevier)	Vol.154, pp.755-762	February, 2018	International	Refereed	https://doi.org/10.1016/j.ijleo.2017.10.108	SCIE, SCOPUS	38	3.1

		OWC system									
11.	Taranjit Kaur, Barjinder Singh Saini, Savita Gupta	An optimal spectroscopic feature fusion strategy for MR brain tumor classification using Fisher Criteria and Parameter-Free BAT optimization algorithm	Biocybernetics and Biomedical Engineering (Elsevier)	Vol. 38, Issue 2, 2018, pp. 409-424	2018	International	Refereed	https://doi.org/10.1016/j.bbe.2018.02.008	SCOPUS	26	0
12.	Taranjit Kaur, Barjinder Singh Saini, Savita Gupta	A novel fully automatic multilevel thresholding technique based on optimized intuitionistic fuzzy sets and tsallis entropy for MR brain tumor image segmentation.	Australasian Physical & Engineering Sciences in Medicine	Vol.41, Issue 1, pp 41-58	May, 2018	International	Refereed	https://www.ncbi.nlm.nih.gov/pubmed/29238919	Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, Medline, SCOPUS	15	7.099
13.	Atul Kumar Verma, Barjinder Singh Saini, Taranjit Kaur	Image Denoising using Alexander Fractional Hybrid Filter	International Journal Of Image and Graphics	Vol. 18, No. 1, pp.	January , 2018	International	Refereed	http://www.worldscientific.com/page/ijig/abstracted-indexed	SCOPUS, ESCI	6	1.6

Session (July, 2018-June, 2019)

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1.	Navneet Kaur, Munish Rattan, Sandeep Singh Gill	Design and Optimization of Novel Shaped FinFET	Arabian Journal for Science and Engineering	Vol. 44, Issue 4, pp 3101–3116	July, 2018	International	Refereed	https://doi.org/10.1007/s13369-018-3428-3	SCIE, Scopus	16	2.9
2.	Gurmukh Singh, Munish Rattan, Sandeep Singh Gill, Nitin Mittal	Hybridization of water wave optimization and sequential quadratic programming for cognitive radio system	Soft Computing	pp. 7991–8011	August, 2018	International	Refereed	https://doi.org/10.1007/s00500-018-3437-x	SCIE, Scopus	32	4.1
3.	Satyam Shukla, Sandeep Singh Gill, H S Jatana, Varun Nehru, Navneet Kaur	Modelling and mitigation of single-event upset in CMOS voltage-controlled oscillator	Sadhana	pp. 1-10, Print ISSN: 0256-2499; Online ISSN: 0973-7677	September, 2018	International	Refereed	https://doi.org/10.1007/s12046-018-0945-4	SCIE, Scopus	1	1.6
4.	Parveen Kumar, Sandeep Singh Gill	Performance Analysis of Impact of Source/Drain Doping Gradient	Journal of Nanoelectronics and Optoelectronics	Vol. 13, No.11, pp. 1705-1710	November, 2018	International	Refereed	https://doi.org/10.1166/jno.2018.2426	SCIE, Scopus	1	1.069

		as well as Roll-off Widths on GIDL of Double Gate MOSFET									
5.	Navneet Kaur, Munish Rattan, Sandeep Singh Gill	Influence of Fin Dimensions on Performance of Nanoscale Rectzoidal Bulk FinFET	Journal of Nanoelectronics and Optoelectronics	Vol.14, No. 3, pp. 389-399(11), ISSN 1555-130X (Print), ISSN 1555-1318 (Online)	March. 2019	International	Refereed	https://doi.org/10.1166/jno.2019.2530	SCIE, Scopus	2	1.069
6.	Harpreet Kaur, Narwant Singh, Gurjot Kaur Walia	Performance analysis of mode division multiplexing IS-OWC system using Manchester, DPSK and DQPSK modulation techniques	Optik	Vol. 177, pp. 93-101	January, 2019	International	Refereed	https://doi.org/10.1016/j.ijleo.2018.09.032	SCIE, Scopus	34	3.1
7.	Suman Pattnaik, Balwinder Singh Dhaliwal, SS Pattnaik	Impact analysis of mobile phone electromagnetic radiations on human electroencephalogram	Sadhana	Vol.44, No.134, Print ISSN: 0256-2499; Online ISSN: 0973-7677	May, 2019	International	Refereed	https://doi.org/10.1007/s12046-019-1116-y	SCIE, Scopus	4	1.6
8.	Suman Pattnaik, Shyam S.Pattnaik and Balwinder Singh Dhaliwal	Modeling of circular fractal antenna using BFO-PSO-based selective ANN ensemble	International Journal of Numerical Modelling Electronic Networks Devices and Fields	Vol.32, Issue 3, pp.1-12	June 2019	International	Refereed	doi:10.1002/jnm.2549	SCIE, Scopus	12	1.6

9.	Samjot kaur Aujla, Navneet Kaur	Optimization of Dual-K Gate Dielectric and Dual Gate Heterojunction SOI FinFET at 14 nm Gate Length	IETE Journal of Research	pp. 1-9, Print ISSN: 0377- 2063, Online ISSN: 0974- 780X	June, 2019	International	Refereed	https://doi.org/10.1080/03772063.2019.1620640	SCIE, Scopus	4	1.5
10.	Chahat Jain , Saroop singh	Feed Point Optimization of Koch–Minkowski Hybrid Boundary antenna for ISM Band	Wireless Personal Communications	Vol.108, Issue 4, pp. 2403–2414	May, 2019	International	Refereed	https://doi.org/10.1007/s11277-019-06528-2	SCIE, Scopus	5	2.2

Session (July, 2019-June, 2020)

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1.	Balwinder Singh Dhaliwal, Gaganpreet Kaur, Navreet Saini, Shyam Sundar Pattnaik, Simranjit Kaur	A Modified Two-Step ANN Ensemble Approach to Improve Generalization and its Application in Fractal Antenna Design	International Journal of circuits, systems and computers	Vol. 29, Issue 07, ISSN 1793-6454	June, 2020	International	Refereed	https://doi.org/10.1142/S0218126620501066	SCIE, Scopus	1	1.5
2.	Harpreet Kaur, Narwant Singh, Gurjot Kaur Walia	Comparative investigation of CSRZ-DQPSK, DRZ-DQPSK, and MDRZ-DQPSK modulation techniques in MDM IS-OWC system	Microwave and Optical Technology Letters	Vol. 61, Issue 7, pp. 1802-1809	July, 2019	International	Refereed	https://doi.org/10.1002/mop.31807	SCIE, Scopus	18	1.5
3.	Harpreet Kaur, Munish Rattan	Wind Driven Based Heuristic Solution for Multiobjective Traffic Grooming in Optical Networks	Wireless Personal Communications	Vol. 110, pp. 1475–1491, ISSN 1572-834X	September, 2019	International	Refereed	https://doi.org/10.1007/s11277-019-06796-y	SCIE, Scopus	4	2.2

4.	Kiranjot Kaur, Munish Ratan, Manjeet Singh Patterh	Nakagami-m Fading Affected Multiuser Cognitive Radio System Design Using Moth Flame Optimization	Wireless Personal Communications	Vol. 112, ISSN 1572-834X, pp. 1319–1337	February, 2020	International	Refereed	https://doi.org/10.1007/s11277-020-07104-9	SCIE, Scopus	1	2.2
5.	Preeti Pannu, Devendra Kumar Sharma	A low-profile quad-port UWB MIMO antenna using defected ground structure with dual notch-band behavior	International Journal of RF and Microwave Computer-Aided Engineering	Vol. 30, Issue 9,	September, 2020	International	Refereed	https://doi.org/10.1002/mmce.22288	SCIE, Scopus	21	1.7
6.	Preeti Pannu, Devendra Kumar Sharma	Miniaturize four-port UWB-MIMO antenna with tri-notched band characteristics	Microwave and Optical Technology Letters	Vol. 63, Issue 5, pp. 1489-1498	May, 2021	International	Refereed	DOI:10.1002/mop.32766	SCIE, Scopus	14	1.5

Session (July, 2020-June, 2021)

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1.	Gurpurneet Kaur, Sandeep Singh Gill, Munish Rattan	Artificial Neural Network and Genetic Algorithm Based Hybrid Intelligence for Performance Optimization of Novel Inverted Funnel Shaped Fin Shaped Field Effect Transistor with Gate Stack High-k Dielectric	Journal of Nanoelectronics and Optoelectronics	Vol.15, No.11, pp. 1385-1394(10), ISSN 1555-130X (Print), ISSN 1555-1318 (Online)	November, 2020	International	Refereed	https://doi.org/10.1166/jno.2020.2880	SCIE	2	1.069
2.	Gurpurneet Kaur, Sandeep Singh Gill, Munish Rattan	Whale Optimization Algorithm Approach for Performance Optimization of Novel Xmas Tree-Shaped FinFET	Silicon	Vol.14, pp.3371–3382	March, 2021	International	Refereed	https://doi.org/10.1007/s12633-021-01077-5	SCIE, Scopus	4	3.4
3.	Nancy Ramanpreet, Munish Rattan & Sandeep Singh Gill	Compact and Low Profile Planar Antenna with Novel Metastructure for Wearable MBAN	Wireless Personal Communications	pp. 1-13	February, 2021	International	Refereed	https://doi.org/10.1007/s11277-021-08182-z	SCIE, Scopus	11	2.2

		Devices									
4.	Gurvir Kaur, Kuldeepak Singh, Harsimranjit Singh Gill	Chaos-based joint speech encryption scheme using SHA-1	Multimedia Tools and Applications	Vol. 80, pp. 10927–10947, ISSN 1573-7721	March, 2021	International	Refereed	10.1007/s11042-020-10223-x	SCIE, Scopus	28	3.6

Session (July, 2021-June, 2022)

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1.	Navneet Kaur, Sandeep Singh Gill and Prabhjot Kaur	Performance Evaluation of Junctionless FinFET using Spacer Engineering at 15 nm Gate Length	Silicon	2022	March, 2022	International	Refereed	https://doi.org/10.1007/s12633-022-01820-6	SCIE (2.941)	1	3.4
2.	Chahat Jain, Balwinder S. dhaliwal, Rupinder Singh	On 3D-Printed Acrylonitrile Butadiene Styrene-Based Sensors: Rheological, Mechanical, Morphological, Radio Frequency, and 4D Capabilities	Journal of materials engineering and performance	Vol 31/issue 4, pp. 8760–8774	April, 2022	International	Refereed	https://doi.org/10.1007/s11665-022-06884-4	SCIE (2.036)	14	2.3

Session (July, 2022-June, 2023)

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1.	Harleen Kaur, Narwant Singh Grewal	Performance enhancement of visible light communication (VLC) system incorporating WMZCC-OCDMA codes and PDM-QPSK-DSP data encoding	International Journal of Communication Systems	Volume 36, Issue1	January, 2023	International	Refereed	https://doi.org/10.1002/dac.5355 ISSN 1099-1131	SCIE, Scopus	1	2.1
2.	Gurjot Kaur Walia, Jagroop Singh Sidhu	Hybridised KNN-Random Forest Algorithm: Image Demosaicing with Reduced Artifacts	National Academy Science Letters	pp. 2250-1754	September, 2022	National	Refereed	https://doi.org/10.1007/s40009-022-01165-z	SCIE, Scopus	0	1.1
3.	Chahat Jain, Balwinder S. dhaliwal, Rupinder Singh	On 3D Printing of Primary Recycled Polyvinylidene-Fluoride-Based Miniaturized, Flexible, and Wearable Sensor	Journal of materials engineering and performance	2023	February, 2023	International	Refereed	https://doi.org/10.1007/s11665-023-07911-8	SCIE, Scopus	1	2.3
4.	Chahat Jain, Balwinder S. dhaliwal, Rupinder	On Comparison of 3D-Printed ABS and PVDF-Based Sensors for Body-Centric Utility	Arabian journal for Science and Engineering	2023	February, 2023	International	Refereed	https://doi.org/10.1007/s13369-023-07658-3	SCIE, Scopus	0	2.9

Session (July, 2023-June, 2024)

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1.	Shivmanmeet Singh, Narwant Singh Grewal, Baljeet Kaur	Analysis of hybrid PDM-4QAM-OFDM for inter-satellite/mechatronic telecommunication using FSO system	Opto-Electronics Review (Polish Academy of Sciences (PAN))	Vol. 31, issue-3, pp. 1-6	August, 2023,	International	Refereed	https://doi.org/10.24425/opelre.2023.147036	Scopus, https://journals.pan.pl/opus/opelre	0	2.038
2.	Tarandeep Singh, Aseem Verma, Navneet Kaur, Manjeet Singh	Enhancing Conservation Seeding Techniques: A Vibration Analysis of Spatially Modified No-Till Drill in Combine Harvested Rice Fields	Proceedings of the Indian National Science Academy	Electronic ISSN: 2454-9983, Print ISSN: 0370-0046	September, 2023	International	Refereed	https://doi.org/10.1007/s43538-023-00207-4	SCOPUS	0	0