

**Faculty Publications Detail in Journals**

AY: 2021-2022

OFFICE OF THE DEAN (R&D)

Sr. No.	Authors	Title of the paper	Journal/ Vol. No./ Issue No.	Impact Factor (if any)	Peer Reviewed/ UGC Listed	Date of Publication	Link
1	Dr. Navdeep Singh	An Intelligent Wireless Charging Vehicle (IWCV) in Wireless Sensor Network	Design Engineering (Toronto)/ 7131-7142	0.101	SCOPUS	September, 2021	<a href="https://doi.org/10.1016/j.designeng.2021.1009827">ISSN 0011-9342 - Design engineering (Toronto)</a>
2	Dr. Navdeep Singh	Circular Slot THz antenna on PBG substrate for cancer detection	(ELSEVIER) Optik- Journal/167355	3.1	SCI	September, 2021	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0030402621009827">https://www.sciencedirect.com/science/article/abs/pii/S0030402621009827</a>
3	Mr. Bimal Kumar, Mr. Ishan sharma	Solar powered Joystick controlled grass cutting robot	International Journal of scientific research and engineering development	-	Peer Reviewed	December, 2021	<a href="https://ijsred.com/volume4/issue6/IJSR-ED-V4I6P95.pdf">https://ijsred.com/volume4/issue6/IJSR-ED-V4I6P95.pdf</a>
4	Mr. Bimal Kumar, Mr. Ankit Kumar	Hybrid renewable efficient model for future	International Journal of Scientific Research and Engineering Development - Volume 4 Issue 6, November-December 2021	-	Peer Reviewed	December, 2021	<a href="https://ijsred.com/volume4/issue6/IJSR-ED-V4I6P124.pdf">https://ijsred.com/volume4/issue6/IJSR-ED-V4I6P124.pdf</a>
5	Dr Narinder Sharma	Design of Antenna by amalgamating staircase and Hexagonal ring shaped structures with the modified ground plane for multi standard wireless applications	Journal of Electromagnetic waves and Applications pp. 1959-1979, Vol. 35, No. 15, May, 2021	1.7	SCI	October, 2021	<a href="https://www.tandfonline.com/doi/full/10.1080/09205071.2021.1995898">https://www.tandfonline.com/doi/full/10.1080/09205071.2021.1995898</a>
6	Dr Narinder Sharma	Sprocket gear wheel shaped printed monopole ultra-wideband antenna with band notch characteristics: Design and measurement	International Journal of RF and Microwave Computer-Aided Engineering, pp. 1-46, e22079, June, 2021	1.83	SCI	December, 2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.22989">https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.22989</a>
7	Dr Narinder Sharma	Modified Spokes Wheel Shaped MIMO Antenna System for Multiband and Future 5G Applications: Design and Measurement	Journal of Electromagnetic waves and Applications pp. 893-911, Vol. 36, No.7, October, 2021	2.1	SCI	January, 2022	<a href="https://www.jpier.org/issues/volume.html?paper=21111162">https://www.jpier.org/issues/volume.html?paper=21111162</a>
8	Dr Narinder Sharma	Design and investigation of pocket shaped fractal antenna using circular ring elements for UWB technology with stub loaded DGS	International Journal of RF and Microwave Computer-Aided Engineering, pp. 1-14, Vol. 32, No. 3, e22079, December, 2021	1.83	SCI	May, 2022	<a href="https://www.tandfonline.com/doi/full/10.1080/00207217.2022.2117852">https://www.tandfonline.com/doi/full/10.1080/00207217.2022.2117852</a>
9	Dr. Pooja Puri	Effects of CRM practices on student-institution relationship	The journal of oriental research Madras, UGC approved, Group I, Peer reviewed and referred journal	-	UGC Care	July, 2021	<a href="https://ugccare.unipune.ac.in/apps1/home/index">https://ugccare.unipune.ac.in/apps1/home/index</a>
10	Dr. V. K. Banga	Trajectory planning and obstacle avoidance of PUMA 560 by using soft computing Techniques	Journal of Harbin Institute of Technology	-	Peer Reviewed	August, 2021	<a href="#">4-100593163merged.pdf</a>
11	Dr. V. K. Banga	New Optimization Techniques used in Robotics	International Journal of Advanced Research in Computer and Communication Engineering,	-	Peer Reviewed	December, 2021	<a href="https://ijarece.com/papers/new-optimization-techniques-used-in-robotics/">https://ijarece.com/papers/new-optimization-techniques-used-in-robotics/</a>

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*Sharma*  
Dean  
(Research & Development)  
Amritsar Group of Colleges,

12	Dr. V. K. Banga	Combinations of Novel Hybrid Optimization Algorithms Based Trajectory Planning Analysis for an Industrial Robotic Manipulators	Journal of Field Robotics	1.2	SCI	March, 2022	<a href="https://onlinelibrary.wiley.com/doi/full/10.1002/rob.22069">https://onlinelibrary.wiley.com/doi/full/10.1002/rob.22069</a>
13	Er. Atul Mahajan	Performance investigation of free space optics transmission system incorporating mode division multiplexing of HGM under different weather conditions	International Journal of All Research Education & Scientific Methods IJARESM-22	-	UGC Care	February, 2022	<a href="https://www.ijaresm.com/uploaded_files/document_file/Saurabh_DixitnzML.pdf">https://www.ijaresm.com/uploaded_files/document_file/Saurabh_DixitnzML.pdf</a>
14	Mr. Bimal Kumar	Automatic Dual axis solar tracking system using Arduino	International Journal of scientific research and engineering development	-	Peer Reviewed	February, 2022	<a href="https://ijsred.com/volume5/issue1/IJSRED-V5I1P84.pdf">https://ijsred.com/volume5/issue1/IJSRED-V5I1P84.pdf</a>
15	Dr. Navdeep Singh	Performance Analysis of Metamaterial-Inspired Structure Loaded Antennas for Narrow Range Wireless Communication	Scientific Programming (ACM Digital Library) Hindawi Publishers, UK (SCOPUS INDEXED TILL 2023)/ 1-17	1.429	SCOPUS INDEXED	May, 2022	Performance Analysis of Metamaterial-Inspired Structure Loaded Antennas for Narrow Range Wireless Communication - Jairath - 2022 - Scientific Programming - Wiley Online Library
16	Ms. Arjinder Kaur	A THEORETICAL view on popularity of Mobile apps in hospitality industry: Pre and Post Covid era	HYPOTHESIS- National journal of research in higher studies	-	SCOPUS INDEXED	June, 2022	<a href="https://ejournal.theiiths.com/paper/VolumeVIssue1/02.pdf">https://ejournal.theiiths.com/paper/VolumeVIssue1/02.pdf</a>
17	Dr. Narinder Sharma	Comparative Analysis of Hybrid Fractal Antennas: A Review	International Journal of RF and Microwave Computer-Aided Engineering (Wiley Online Library) /pp. 1-46, e22079, August, 2021 Online ISSN:1099-047X	1.83	Peer Reviewed	June, 2022	<a href="https://onlinelibrary.wiley.com/doi/full/10.1002/mmce.22762">https://onlinelibrary.wiley.com/doi/full/10.1002/mmce.22762</a>

*Kaur*

*W. Kaur*

Dean (R&D)

Dean  
(Research & Development)  
Amritsar Group of Colleges,  
Amritsar