



CGC – College of Engineering Landran, Mohali, Punjab

List of Publications (2020-2021)

S. No.	Title of paper	Name of the author/s	Department of the Teacher	Name of journal	Year of publication	Link to website of the Journal	Link to article / paper / abstract of the article	Indexing(SCI, SCOPUS, UGC etc..)
1	Microstrip Patch Antenna for X band Applications: Design & Analysis	Dr.Rahul Kakkar	CSE	Journal of Xidian University	May 2020	http://dx.doi.org/10.37896/jxu14.4/276	http://dx.doi.org/10.37896/jxu14.4/276	SCOPUS
2	A STUDY AND MATHEMATICAL MODELING OF SYNTHETIC APERTURE RADAR (SAR) MISSILE	Dr.Rahul Kakkar	CSE	Advances and Applications in Mathematical Sciences Volume 19, Issue 5, ,	01-Mar-20	https://www.mililink.com/upload/article/837668496aams_vol_195_march_2020_a5_p333-340_joginder_singh_and_rahul_kakkar.pdf	https://www.mililink.com/upload/article/837668496aams_vol_195_march_2020_a5_p333-340_joginder_singh_and_rahul_kakkar.pdf	SCOPUS
3	Design, Modeling of Ga-As based MESFET for SRAM Cell	Dr. Anuj Kumar Gupta	CSE	CGC International Journal of Contemporary Technology and Research	Jun-20	https://cgcijctr.com/	http://cgcijctr.com/document/CGCIJCTR-C0202104.pdf	PEER REVIEWED
4	A comprehensive review on cryptographic techniques	Dr. Anuj Kumar Gupta	CSE	ITEE Journal Information Technology & Electrical Engineering	Apr-20	https://www.coursehero.com/file/230316352/34pdf/	http://www.iteejournal.org/v9no2apr20_pdf2.pdf	UGC

5	Dynamic Control Of Automobile Air Conditioning Vents Using Passive Infrared (PIR) Sensor	Dr. Anuj Kumar Gupta	CSE	International Journal of Advanced Science and Technology	Apr-20	http://sersc.org/journals/index.php/IJAST/index	https://drive.google.com/file/d/1vAKFJ_fEHrWQJlahE-hFI5LHNJUekYv4/view?usp=drive_link	Scopus
6	INTERNET OF VEHICLES (IOV) OVER VANETS: SMART AND SECURE COMMUNICATION USING IOT	Sumit Kumar	CSE	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE (SCPE)	01.08.2020	https://www.scpe.org/index.php/scpe/index	https://www.scpe.org/index.php/scpe/article/view/1741	Unpaid ESCI Indexed International Journal
7	UNEQUAL CLUSTERING ALGORITHMS IN WIRELESS SENSOR NETWORKS: A SURVEY	Dr. Anuj Kumar Gupta	CSE	Advances and Applications in Mathematical Sciences	Apr-20	Mili Publications	https://www.researchgate.net/profile/Jatinder-Singh-73/publication/363262788_UNEQUAL_CLUSTERING_ALGORITHMS_IN_WIRELESS_SENSOR_NETWORKS_A_SURVEY/links/631447855eed5e4bd14587d/UNEQUAL-CLUSTERING-ALGORITHMS-IN-WIRELESS-SENSOR-NETWORKS-A-SURVEY.pdf	Mili Publications

8	A NOVEL TECHNIQUE TO DETECT THE ISOLATION OF GRAYHOLE ATTACK IN VANET	Dr. Anuj Kumar Gupta	CSE	Advances and Applications in Mathematical Sciences	Apr-20	Mili Publications	https://www.mililink.com/upload/article/453578009aams_vol_196_april_2020_a5p481-494_ritika_saini_and_anuj_gupta.pdf	Mili Publications
9	Green Cloud Computing: Energy Efficiency and Management	Sumit Kumar	CSE	CGC International Journal of Contemporary Technology and Research	26.06.2020			CGC Unpaid International Journal
10	Design of 7 GHz Microstrip Patch Antenna for Satellite IoT- and IoE- Based Devices	Manvinder Sharma	CSE	Recent Innovations in Computing	13.01.2021	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-15-8297-4_50	SCOPUS
11	An Algorithm to Recognize and Classify Circular Objects from Image on Basis of Their Radius	Manvinder Sharma	CSE	Recent Innovations in Computing	13.01.2021	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-15-8297-4_33	SCOPUS
12	Comprehensive Study on Internet of Things (IoT) and Design Considerations of Various Microstrip Patch Antennas for IoT Applications	Manvinder Sharma	CSE	Mobile Radio Communications and 5G Networks	29.09.2020	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-15-7130-5_2	SCOPUS

13	Investigations on Millimeter Wave (mmW) Antenna for 5G Technology: Design Considerations and Applications	Manvinder Sharma	CSE	CGCIJCTR	26.12.2020	CGC International Journal of Contemporary Technology and Research	https://www.cgcijctr.com/document/C0301107-FINAL.pdf	SCOPUS
14	Brain Segmentation Using Deep Neural Networks	Dr. Anuj Kumar Gupta	CSE	International Journal of Sensors, Wireless Communications and Control	2021	https://www.ingentaconnect.com/?logoHome=true	https://www.ingentaconnect.com/content/ben/swcc/2021/0000011/00000001/art00012	ESCI
15	Investigations on Various Designs of Dielectric Resonator Antennas (DRA) for C Band Applications	Dishant Khosla	CSE	Recent Innovations in Computing, Lecture Notes in Electrical Engineering	13.01.2021	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-15-8297-4_17	SCOPUS
16	Investigations on Mathematical Modeling of Imaging Infrared (IIR) Missile	Dishant Khosla	CSE	Recent Innovations in Computing, Lecture Notes in Electrical Engineering	13.01.2021	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-15-8297-4_31	SCOPUS
17	A Study on SARS-CoV-2 (COVID-19) and Machine Learning Based Approach to Detect COVID-19 Through X-Ray Images	Dr. Anuj Kumar Gupta	CSE	International Journal of Image and Graphics	19.12.2020	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.1142/S0219467821400106	SCOPUS

18	Microstrip Patch Antenna for X band Applications: Design & Analysis	Pankaj palta	CSE	Journal of Xidian University	May 2020	https://xadzkjdx.cn/	https://drive.google.com/file/d/11QoH9voA2m78zzPHASWBMsI3emklRQe0/view?usp=drive_link	SCOPUS
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