| S.No | Author (s) Name | Topic Name | Name of (Journal/ Conference) | Date of Publication | Indexing (SCIE/SCI/ESCI/Scopus/ UGC-CARE/ Indian national Journal ) or Book Chapter |
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**CGC-COLLEGE OF ENGINEERING,LANDRAN(MOHALI)**

**COMPUTER SCIENCE ENGINEERING DEPARTMENT**

**RESEARCH PUBLICATION DETAILS**

| S.No | Author (s) Name | Topic Name | Name of (Journal/ Conference) | Date of Publication | Indexing (SCIE/SCI/ESCI/Scopus/ UGC-CARE/ Indian national Journal ) or Book Chapter |
|---|---|---|---|---|---|
| 1 | Dr. Anuj Kumar Gupta, Jatinder Pal Singh | Energy Aware Cluster Head Selection and Multipath Routing Using Whale-based Tunicate Swarm Algorithm (WTSA) for Wireless Sensor Network | New Review of Information Networking | 3/29/2022 | Scopus |
| 2 | Dr. Anuj Kumar Gupta,Raju Sharma, Monika Pathak | Performance Analysis of TDM-PON and WDM-PON | Mobile Radio Communications and 5G Networks. Lecture Notes in Networks and Systems | 1/1/2022 | Scopus |
| 3 | Dr. Anuj Kumar Gupta & Dr.Tanvi Arora | A REVIEW OF MACHINE LEARNING BASED RECOGNITION OF SIGN LANGUAGE | International Journal of Image and Graphics | 5/10/2022 | ESCI & Scopus |
| 4 | Dr. Manvinder Sharma | contactless methods for respiration monitoring & design of SIW-LWA for respiratory rate monitoring | IETE Journal of Research | 26/07/2021 | SCIE |
| 5 | Dr. Manvinder Sharma,Dishant Khosla, Sumeet Goyal & Dr. Anuj Kumar Gupta | Design of a GaN-Based Flip Chip Light Emitting Diode (FC-LED) with au Bumps & Thermal Analysis with Different Sizes and Adhesive Materials for Performance Considerations | Silicon | 26/10/ 2021 | SCIE |
| 6 | Dr. Manvinder Sharma,Pankaj Palta | Design and Power Dissipation Consideration of PFAL CMOS V/S Conventional CMOS Based 2:1 Multiplexer and Full Adder | Silicon | 2/7/2021 | SCIE |
| 7 | Dr. Manvinder Sharma, Digvijay Pandey | Prediction of Breast Cancer using Extremely Randomized Clustering Forests (ERCF) Technique | International Journal of Distributed Systems and Technologies (IJDST) | 8/1/2021 | ESCI |

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| 11 | Dr. Rahul Kakkar, Dr. Sumeet Goyal, Joginder Singh, | Mathematical Modelling of prediction of Spread of Corona Virus and Artificial intelligence /Machine Learning based technique to detect CoVID -19 via Smart phone Sensor | Internatinoal Journal of Modelling Identification And Control | 14/11/2022 | ESCI & Scopus |
| 12 | Reecha Sood,Dr.Sandeep Singh Kang | TOWARDS THE INVESTIGATION OF TCP FAIRNESS IN SOFTWARE DEFINED NETWORKING | ICACCT-2021(International Conference on Advancements in Computation and Computre Technologies) | 30/10/ 2021 | Scopus |
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