

## **Publications:**

### **International Conferences and Journals**

- [1]. S. B. Sridhara and B. Ramesh, “An adaptive multicast routing for varied services in wireless cellular ad hoc network”, 2015 IEEE International Conference on Computational Intelligence and computing Research, 2015,pp.1-5 PrintISBN:978-1-4799-7848-9INSPEC AccessionNumber:15870589DOI:10.1109/ICCIC.2015.7435746, Publisher: IEEE.
- [2]. S. B. Sridhara and B. Ramesh, “Energy efficient device to device multicast routing for wireless cellular ad hoc network”, 2015 IEEE International Conference on Applied and Theoretical Computing and Communication Technology , 2015, pp.708-712 IEEE Part Number: CFP15D66-USB IEEE ISBN: 978-1-4673-9222-8. DOI: 10.1109/ICATCCT.2015.7456975, Publisher: IEEE.
- [3]. S. B. Sridhara, B. Ramesh, “An Access Fairness Resource Provisioning of Services for Energy Efficiency in Wireless Cellular Ad hoc Network”, International Journal of Computer Science and Information Security, Vol.14 No.6,2015,pp.735-747, IJCSIS ISSN 1947-5500, Pittsburgh, PA, USA.
- [4]. Sridhara S.B and Ramesh B, “Energy efficient QoS multicast routing for varied services in wireless cellular ad hoc network”, International Journal of Engineering Technology and Computer Research, Vol. 3, Issue 6, 2015, pp.14-24.
- [5]. Sridhara S.B and Ramesh B, “QoS Provisioning for Energy Efficiency in Mobile Ad hoc Network”, Global Journal of Computer Science and Technology, Vol.15, No 5-E,2015, pp.41-52. ISSN Numbers: Online: 0975-4172 Print: 0975-4350 DOI: 10.17406/GJCST. Publisher: Global Journals Inc. (USA)
- [6]. Sridhara S.B and B. Ramesh, “Enhancement Throughput of Ad hoc Network using DSDMAC Protocol”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 1, 2014, pp.9521-9528.
- [7]. Sridhara S.B, “A Novel Hybrid Routing Based Energy Efficient Routing Protocols for Mobile Ad-Hoc Network to improve the performance and throughput”. National Conference on Wireless Control & Communication Technologies, [NCWCT-2014], 24th – 25th April 2014, Dr. AIT, Bangalore

- [8]. Sridhara S.B., Ramesh M., Veeresh Patil, “ Adaptive Scheduling Design for Time Slotted Channel Hopping Enabled Mobile Adhoc Network” (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 11, No 3, 2020 Pages272-277 The Science and Information (SAI) Organization United Kingdom: 19 Bolling Road, Bradford, BD4 7BG, West Yorkshire, United Kingdom
- [9] Sridhar S.B., M.V. Jagannatha Reddy, “ Detecting Human Emovere through Data Mining” International Journal of Computer Sciences and Engineering (IJCSE) Vol.-8, Issue-1, Jan2020 E-ISSN: 2347-2693 DOI: <https://doi.org/10.26438/ijcse/v8i1.6469> , [www.ijcseonline.org](http://www.ijcseonline.org)
- [10] Sridhara S.B. , Dankan Gowda V, “ Implementation of Automatic Air Traffic Control system: an overview “GIS SCIENCE JOURNAL , Volume 7, Issue 6, 2020, Page No: 691-699 ISSN NO : 1869-9391, DOI: 20.18001.GSJ
- [11] V. Dankan. Gowda, S.B.Sridhara, M.Ramesha, “Internet of things: Internet revolution, impact, technology road map and features,” Adv. Math. Sci. J., vol. 9, no. 7, pp. 4405–4414, 2020, doi: 10.37418/amsj.9.7.11.
- [12]. S.B.Sridhara, Dankan Gowda.V, P.K. Prakasha, “Interpretation of One Dimensional Hilbert Transform in terms of Fourier Transform and its Applications,” vol. 29, no. 03, pp. 12283–12291, 2020.
- [13]. M. Ramesha, Dankan Gowda V, Sridhara S.B, Naveena Pai G, “FPGA Implementation of Low Power High Speed BTED Algorithm for 8 Bit Error Correction in Cryptography System,” Int. J. Emerg. Trends Eng. Res., Vol. 8, No. 7, pp. 3893–3897, 2020, Doi: 10.30534/ijeter/2020/158872020.
- [14]. SB Sridhara, V Dankan Gowda, M Ramesha, “Design of Antilock Braking System Based on Wheel Slip Estimation”, Journal of Physics: Conference Series, 1706(1), pp- 012216, 2020.
- [15]. V Dankan Gowda, S B Sridhara, KS Shashidhara, “Signal Analysis and Filtering using one Dimensional Hilbert Transform”, Journal of Physics: Conference Series, 1706(1),pp- 012107, 2020.

- [16]. Ramesha, M., Dankan Gowda, V. Sridhara, S.B. "Study and analysis of bted error correction codes for cryptography applications" International Journal of Advanced Trends in Computer Science and Engineering, 9(5), pp. 8938–8942, 2020.
- [17]. Sridhara,S.B. Ramesha M., Anughna, N., "Centroiding and connected component labeling for radar images using image processing algorithms", Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020, pp. 50–54, 9277394, 2020.
- [18]. Ramesha, M., Sridhara, S.B., Anne Gowda, A.B., "Design and development of low power BTED cryptography algorithm on FPGA", International Journal of Advanced Trends in Computer Science and Engineering, 9(4), pp. 4359–4362, 2020.
- [19] Dankan V. Gowda1 , K.S. Shashidhara, M. Ramesha, S.B. Sridhara, and S.B. Manoj Kumar RECENT ADVANCES IN GRAPH THEORY AND ITS APPLICATIONS Advances in Mathematics: Scientific Journal 10 (2021), no.3, 1407–1412 ISSN: 1857-8365 (printed); 1857-8438 (electronic) <https://doi.org/10.37418/amsj.10.3.29>
- [20] Sridhara S. Boraiah , Dankan G. Veeranna, , Ramesha Muniyappa, Manoj K. S. Boraiah and Devananda S. Narayanappa, "IoT Enabled Smart Village for Sustainable Development", Book Title: "Artificial Intelligence for Smart Cities and Villages:Advanced Technologies, Development, and Challenges, 2021", chapter 8, Bentham Science Publishers 2021. Accepted - Indexed by Scopus.
- [21] Sridhara S. Boraiah Dankan G. Veeranna, Ramesha Muniyappa, , Devananda S. Narayanappa and Manoj K. S. Boraiah, "Intelligent IoT Enabled Lighting System", , Book Title: "Artificial Intelligence for Smart Cities and Villages:Advanced Technologies, Development, and Challenges, 2021", chapter 11, Bentham Science Publishers 2021. Accepted - Indexed by Scopus.

[22] Dankan G. Veeranna, M. Nagabushanam, Sridhara S. Boraiah, Ramesha Muniyappa, and Devananda S. Narayanappa, Chapter 9: "Fiber Optic Communication: Evolution, Technology, Recent Developments, and Future Trends" Book Title: Modeling and Optimization of Optical Communication Networks, (163–178), Scrivener Publishing LLC. © 2023

[23] Dankan G. Veeranna, M. Nagabushanam, Sridhara S. Boraiah, Ramesha Muniyappa, and Devananda S. Narayanappa, Chapter 10: "Difficulties of Fiber Optic Setup and Maintenance in a Developing Nation", Book Title: Modeling and Optimization of Optical Communication Networks, (179–192), Scrivener Publishing LLC. © 2023

#### **Patent Publication Details:**

[1] Title of the Invention: Smart Kitchen Using Altering System and IoT

Inventor: Dr. Dankan Gowda, Dr. Sridhar S B and Team

Application No. 202041029775A

Publication Date: 31.07.2020

Journal Number: 31/2020

[2] Title of the Invention: Industry Safety Monitoring and Accident Reporting System Using IoT

Inventor: Naveen Pai G, Dr. Sridhara S B and Team

Application No. 202041054629A

Publication Date: 25.12.2020

Journal Number: 52/2020

[3] Title of the Invention: IoT Based Wireless Charger for Smart phones

Inventor: Dr. Nitin Jagannath Patil, Dr. Sridhara Sindhughatta Boraiah and Team

Application No. 6295342

Filing Date: 10.07.2023

Journal Number: 52/2020

Scopus Author ID: <https://www.scopus.com/authid/detail.uri?authorId=57189067289>

Google Scholar ID: <https://scholar.google.com/citations?user=PsfcKtwAAAAJ&hl=en>

Research Gate ID: <https://www.researchgate.net/profile/S-B-14>