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Publications:

- 1. Sangavai .K, **Porkodi.C** and Amudhan Manisekaran, "Cluster Based Routing Algorithm for Wireless Sensor Networks using Closeness Centrality", PROTEUS JOURNAL, VOLUME 11 ISSUE 10 2020, pp.461-469.
- 2. **Porkodi.C**, S.P.Priya and Sangavai.K, "A Study on Zero divisor graph of the commutative Ring Z 2^k", PROTEUS JOURNAL, VOLUME 11 ISSUE 10 2020, pp.299-299.
- 3. **Porkodi.C**, S.P.Priya and Sangavai.K, "Some special classes of graphs of the commutative ring **Z2k**", ADALYA JOURNAL, Volume 9, Issue 8, August 2020 PP.107-116.
- 4. **Porkodi.C** and Arumuganathan.R, "Elliptic Curve Based Untraceable Off-Line Electronic Cash System", Global Journal of Engineering Science and Research Management, 6(7): July, 2019, PP.25-34.
- 5. **Porkodi.**C and Sangavai.K, "An Efficient Elliptic Curve based Key Management Scheme for Distributed Sensor Networks", EJERS European Journal of Engineering Research and Science Vol. 4, No. 6,pp. 111-116, June 2019.

- 6. **Porkodi.**C and Sangavai.K, "An Online Electronic Cash System based on Elliptic Curve Cryptography", International Journal of Computer Sciences and Engineering (IJCSE), Vol.-6, Issue-6, pp. 1043-1047, June 2018 ISSN: 2347-2693 (E).
- 7. **Porkodi.**C and Arumuganathan.R, "An Integer Factorization Method Equivalent to Fermat Factorization", International Journal of Mathematics and its Applications IJMAA, Volume 6, Issue 2(A), pp. 107-111, 2018, ISSN: 2347-1557. April 2018.
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- 9. **Porkodi.**C and Sangavai.K, "Elliptic Curve based "r out of n" Key Distribution Scheme for Hierarchy Wireless Sensor Networks", International Journal of Engineering and Applied Sciences (IJEAS), ISSN: 2394-3661, Volume-5, Issue-3, March 2018, pp.50-53.
- 10. Porkodi.C and Sangavai.K, "A Key Distribution Scheme for Hierarchy Wireless Sensor Networks based on Elliptic Curves", International Journal of Computer & Mathematical Sciences IJCMS ISSN 2347 – 8527 Volume 6, Issue 1 January 2017, pp.16-24.
- 11. **Porkodi.**C and Sangavai.K, "A Key Distribution Scheme for Hierarchy Wireless Sensor Networks based on Elliptic Curves", 4th International Conference on Recent Development in Engineering, Science, Management and Humanities (ICRESMH-2017), January 2017, pp 107-115, ISBN: 978-81-932712-3-0.
- 12. Sangavai.K and **Porkodi.C**, "An Energy-Balance, Cluster Based Routing Algorithm using Vertex Subset Degree Preserving Spanning Trees For Wireless Sensor Networks", Current Trends in Technology and Science ISSN: 2279-0535. Vol. 04, Issue: 01 (Dec.- Jan. 2015).
- 13. **Porkodi.C**, and Arumuganathan. R, "A special purpose integer factorization algorithm", ACM Proceedings of the Second International Conference on Computational Science, Engineering and Information Technology, 2012, pp. 175-181.
- 14. **Porkodi.**C and Arumuganathan.R "Multi-authority Electronic Voting Scheme Based on Elliptic Curves" International Journal of Network Security, Vol. 12, No. 2, 2011, pp. 84-91.
- 15. **Porkodi.C** and Arumuganathan.R, "Single Authority Electronic Voting based on Elliptic curves", Journal of Discrete Mathematical Sciences & Cryptography, Vol. 13, 2010, pp. 209-217.