List of Publication

a) International Journals

1. S. S. Pattnaik, **B. Khuntia**, D. C. Panda, and S. Devi, "Calculation of optimized parameters of rectangular microstrip patch antenna using genetic algorithm", Microwave and Optical Technology Letters, USA, Vol. 23, No. 4, 20th June' 2003, pp. 431-433.
2. **B. Khuntia**, S. S. Pattnaik, D. C. Panda, D. K. Neog, S. Devi, and M. Dutta, "A Simple and Efficient Approach to Train Artificial Neural Networks by Genetic Algorithm for Calculating Resonant Frequency of RMA on Thick Substrate," Microwave and Optical Technology Letters, USA, Vol. 41, No. 4, 20th May' 2004, pp. 313-315.
3. D. K. Neog, S. S. Pattnaik, M. Dutta, S. Devi, **B. Khuntia** and D. C. Panda, "Inverted L-Shaped and Parasitically Coupled Inverted L-Shaped Microstrip Patch Antenna for wide Bandwidth," Microwave and Optical Technology Letters, vol. 42, no. 3, 5th Aug.' 2004, pp. 190-192.
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5. S. S. Pattnaik, **B. Khuntia**, D. C. Panda, D. K. Neog, S. Devi, and M. Dutta, "Genetic Algorithm with Artificial Neural Networks as its Fitness Function to Design Rectangular Microstrip Antenna on Thick Substrate", Microwave and Optical Technology Letters, vol. 44, no. 2, 20th Jan' 2005, pp. 144-146.
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9. Baik, Namkyun & Kumar Sharma, Santosh & **Khuntia, Bonomali.** Encrusted security for internet of things using MAC-OMURA. International Journal of Control and Automation. 11. 45-54. 10.14257/ijca.2018.11.2.05., 2018. ISBN: 20054297
10. Sharma, Santosh Kumar and **Khuntia, Bonomali**. 'Integrated Security for Data Transfer and Access Control Using Authentication and Cryptography Technique for Internet of Things'. 1 Jan. 2020 : 303 – 309.

b) Book Chapters

11. Sharma S.K., **Khuntia B.** (2020) Service Layer Security Architecture for IOT Using Biometric Authentication and Cryptography Technique. In: Reddy A., Marla D., Simic M., Favorskaya M., Satapathy S. (eds) Intelligent Manufacturing and Energy Sustainability. Smart Innovation, Systems and Technologies, vol 169.

Springer, Singapore. DOI: https://doi.org/10.1007/978-981-15-1616-0_80, Print ISBN 978-981-15-1615-3, Online ISBN 978-981-15-1616-0

12. Sharma S.K., **Khuntia B**. (2020) Distributed Authentication Security for IOT Using DASS and LOKI91. In: Jain V., Chaudhary G., Taplamacioglu M., Agarwal M. (eds) Advances in Data Sciences, Security and Applications. Lecture Notes in Electrical Engineering, vol 612. Springer, Singapore, DOI: https://doi.org/10.1007/978-981-15-0372-6_14. Print ISBN 978-981-15-0371-9 Online ISBN 978-981-15-0372-6

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17. Sharma, Santosh Kumar, and **Bonomali Khuntia**. "A Survey on Layered Approach for Internet of Things Security." Advanced Science and Technology Letters Vol.147 (SMART DSC-2017), pp.26-33 http://dx.doi.org/10.14257/astl.2017.147.04
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25. Sharma, Santosh Kumar, and **Bonomali Khuntia**. "Performance optimization by using HSLD- A*searching Technique in Hybrid Intrusion Prevention System", Advanced Science and Technology Letters Vol.147 (SMART DSC-2017), pp.441-452 http://dx.doi.org/10.14257/astl.2017.147.63.
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