

Dr.X.Anitha Mary

Assistant Professor,
Department of Robotics Engineering,
Karunya Institute of Technology and Science
anithamary@karunya.edu
9442348529

PUBLICATIONS:

Journal Published:

1. Evelyn Brindha and Anitha Mary Advances in Intelligent Based Internet of Medical Things (IoMT) for COVID-19: Olfactory Disorders, Studies in Computational Intelligence Volume 923, 2021, Pages 363-371
2. Ashisha and Anitha Mary, Advances in photoplethysmogram and electrocardiogram signal analysis for wearable applications, Advances in Intelligent Systems and Computing Volume 1167, 2021, Pages 527-534
3. Ashisha and Anitha Mary Design challenges for embedded based wireless postoperative bedside monitoring system,___Journal of Interdisciplinary Mathematics Volume 23, Issue 1, 2 January 2020, Pages 285-292
4. Anitha Mary, Lina Rose, Rajasekaran, “Real time and wireless groundwater level recharging and monitoring system in borewell”, Inidan Journal of Environmental protection, vol 39, issue 5 2019
5. Anitha Mary, Lina Rose, Rajaskeran, “Development of Water Level Monitoring System with Capacitive Sensor”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-7 May, 2019
6. Mary X.A., Rose L., Jegan R. (2019) Case Studies of Smart Algorithm for Industrial Process Control. In: Mishra M., Mishra B., Patel Y., Misra R. (eds) Smart Techniques for a Smarter Planet. Studies in Fuzziness and Soft Computing, vol 374. Springer, Cham
7. Power Plant Optimization For Energy Efficiency Enhancement, International Journal of Mechanical Engineering and Technology (IJMET) Volume 9, Issue 9, Sep 2018, pp. 700-707
8. X. Anitha Mary , , Lina Rose , K. Rajasekaran Continuous and remote monitoring of ground water level measurement in a well, International Journal of Water , 12 (4) , DOI: 10.1504/IJW.2018.095397, 2018 356-369

9. Mary, X.A., Jegan, R., Rose, L., Raj, P.A.C., Design and development of vehicle monitoring system through black box in a car, International Journal of Mechanical Engineering and Technology, 8(10), pp. 493-501, 2017
10. Dr. X. Anitha Mary, Dr. Benjamin Lazarus and P. Thomas Wilson “Embedded Based Automatic Teaching of Textile COPS Sorting Machine”, International Convention on Dissemination of Innovative Research in Science, Engineering, Technology & Management Applications , 11th-12th March 2017, Kuala Lumpur, Malaysia. Journal of Engineering Technological Research Half Yearly Vol: 8 March 2017 ISSN: 2229-9262
11. Dr. X. Anitha Mary “Embedded Based Collision Avoidance System”, International Convention on Dissemination of Innovative Research in Science, Engineering, Technology & Management Applications , 11th-12th March 2017, Kuala Lumpur, Malaysia. Journal of Engineering Technological Research Half Yearly Vol: 8 March 2017 ISSN: 2229-9262
12. Mrs. Lina Rose and Dr. X. Anitha Mary, “Wireless water level measurement using arduino“ in Pak. J. Biotechnol. Vol. 13 (special issue on Innovations in information Embedded and Communication Systems) Pp. 270- 273 (2016) (Scopus Indexed)
13. Ms. Monica and Dr. X. Anitha Mary, “Development in Real Time Embedded Data Monitoring System and performance study to characterise the solar panel”, in Pak. J. Biotechnol. Vol. 13 (special issue on Innovations in information Embedded and Communication Systems) Pp. 265- 269 , 2016 (Scopus Indexed)

Book Chapter Published:

1. Ashisha G.R., Anitha Mary X., Rajasekaran K., Jegan R. (2019) IoT-Based Continuous Bedside Monitoring Systems. In: Peter J., Alavi A., Javadi B. (eds) Advances in Big Data and Cloud Computing. Advances in Intelligent Systems and Computing, vol 750. Springer, Singapore
2. K. Rajasekaran, Dr. X.Anitha Mary, R. Jegan, “Smart technologies for Non- invasive Biomedical Sensors to measure physiological parameters, Biomedical Engineering: Concepts, Methodologies, Tools, and Applications, 13 July 2017, Pages 749-778
3. Sivakumar. L. and X. Anitha Mary (2012), “Lower Order Modeling and Control of Alstom Fluidized Bed Gasifier”, Gasification for Practical Applications, Yongseung Yun (Ed.), ISBN: 978-953-51-0818-4, InTech, DOI: 0.5772/48674. (SNIP 0.04). <http://www.intechopen.com/books/gasification-for-practical-applications/lower-order-modeling-and-control-of-alstom-fluidized-bed-gasifier>.

4. Dr. X. Anitha Mary and Mrs. Lina Rose, “ Smart Instruments for water treatment and their challenges” in edited book on “Customer satisfaction towards service quality of Electrical Equipments- A Managerial Approach” with ISBN No. 978-93-85640-66-7, 2016
5. K. Rajasekaran, Dr. X.Anitha Mary, R. Jegan, “Smart technologies for Non- invasive Biomedical Sensors to measure physiological parameters” Handbook of Research on Healthcare Administration and Management, IGI GLOBAL PUBLICATION 2016.
6. Dr.X.Anitha Mary Case studies of smart algorithm for industrial process control(Book Chapter), Studies in Fuzziness and Soft Computing, Volume 374, 2019, Pages 281-304, Springer Verlag
7. Jebisha J., Anitha Mary X., Rajasekaran K. (2019) IoT-Based Vibration Measurement System for Industrial Contactors. In: Peter J., Alavi A., Javadi B. (eds) Advances in Big Data and Cloud Computing. Advances in Intelligent Systems and Computing, vol 750. Springer, Singapore