



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

Department of Electronics and Telecommunication Engineering

Name of Faculty: Manita Rajput

Designation: Assistant professor

1. Details of papers published in International Journals:

- i. Daryl Narakadan, Sadhana Pai, Manita Rajput, "Wireless Communication Between Embedded Systems based on FPGA," International Journal of Engineering & Technology, 7 (4.41) (2018) 66-70, International Journal of Engineering & Technology
- ii. Rohan Dsouza, Sneha Aruldurai, Prajakta Totawar, Anish Poojari, Manita Rajput, "Glass Box-An Attempt to make Black Box intelligent," in International Journal of Pure and Applied Science, Volume 115, Nov. 2017, 459-466 ISSN:1311-8080 (printed version); ISSN: 1314-3395 (online version)
- iii. Madhura Mahajan, Dr. K.T.V. Reddy, Ms. Manita Rajput, "Design and Simulation of a Blacklisting Technique for Detection of Hello flood Attack on LEACH protocol," International Conference on Cloud Computing & Virtualization 2016. Also in Procedia Computer Science 79 (2016) pg no: 675-682 Elsevier Publication, doi:10.1016/j.procs.2016.03.086
- iv. Apeksha Khiladi, Manasi Marathe, Aishwarya N., Ms. Manita Rajput, "Android based aid for the deaf," in International Journal of Technical Research and Applications — e-ISSN: 2320-8163, www.ijtra.com Special Issue 40 (KCCEMSR) (March 2016), PP. 21-25
- v. Rasika Ransing, Manita Rajput, "Wireless Sensor Network Based Smart Home with Object Locating system for old age population" in International journal of scientific and engineering research, volume 6, Issue 11:292, November 2015
- vi. Amruta M., Manita Rajput, Sadhana Pai, "Temporal Analysis of ECG Using LabVIEW" in IJLTEMAS Online journal, Volume III, Issue 9, Sept. 2014
- vii. Manita Rajput, Sadhana Pai, Umesh M. "Virtual instrumentation and its applications" in International journal of engineering inventions vol.1, Issue 9, Page No.25-26
- viii. Manita Rajput, Sadhana Pai, Umesh M. "Wireless transmission of biomedical parameters using GSM technology" IJESE volume 1, Issue -9, July 25 2013

2. Details of papers published in National Journals: NIL



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3. Details of papers published in International Conferences

- i. A. Banerjee, S. Mahajan, A. Rathore, S. Shurture and M. Rajput, "Digi-Farming Assistant for Soil Quality Analysis," 2023 International Conference on Applied Intelligence and Sustainable Computing (ICAISC), Dharwad, India, 2023, pp. 1-4, doi: 10.1109/ICAISC58445.2023.10199874.
- ii. Ashly Roy, Merin Jose, Shreya Thomas, Shweta Dalvi, Manita Rajput, "Traffic Avoidance System for High Priority Vehicles," in ITM Web of Conferences, ICACC-2020, Navi Mumbai, August 2020.
- iii. Manita Rajput, Priyanka Sawant, Priyanka Jondhale, "Smog Detection and Pollution Alert System Using Wireless Sensor Network," International Conference on Intelligent Computing and Communication Technology (ICICCT 2019), College of Engineering for Women, Hyderabad, 09-11 January, 2019
- iv. Bhaskar A., Shaikh R., Hartalkar A., Jacob, R, Rajput, M, "Iris Movement Based Assistance for Catatonic Patients" published in 3rd International Conference for Convergence in Technology, I2CT 2018
- v. Mahajan. M. Reddy. K. Rajput, M., "A Switch Triggered Rescue Assistance System for Safety of Women" 2018 International Conference on Smart City and Emerging Technology, ICSCET 2018 published in IEEE Xplore.
- vi. Madhura Mahajan, Dr. K.T.V. Reddy, Ms. Manita Rajput, "Design and implementation of a rescue system for safety of women," in 2016 International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), 23-25 March 2016
978-1-4673-9338-6/16/\$31.00 © 31.002016 IEEE.
- vii. Rasika Ransing, Manita Rajput, Megha Kolhekar, "Future Trends in Wireless Sensor Networks" Proceedings of ICRTCEE, held at Mumbai on January 10, 2015
- viii. Rasika Ransing, Manita Rajput, "Smart Home for Elderly Care, based on Wireless Sensor Network," 2015 International Conference on Nascent Technologies in the Engineering Field (ICNTE)
DOI: 10.1109/ICNTE34477.2015, 9-10 Jan. 2015
IEEE Xplore 978-1-4799-7263-0/15/\$31.00 © 2015
- ix. Akshay Bhosale, Manita Rajput "Web Based Bus Tracking System" International Conference on Convergence of Technology-2014 ISSN No: 978-1-14799-3759-2/14/©2014 IEEE.
- x. Akshay Narkhede, Ajita Chalkar, Manita Rajput, "Real Time Automation of Agricultural Environment" International Conference on Convergence of



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Technology-2014 and published in IEEE Xplore 978-1-4799-3759-2/14/\$31.00©IEEE

4. Details of papers published in International Conferences

- i. Pranay M. Mr, Pranay Mhatre, Mr. Dinesh Nikam, Ms. Nimisha Palkar, Surendranath Adirepalli. "Use Of Programmable Logic controller for Material handling," proceedings of National Conference on Recent Innovations in Engineering and Technology (2014).
- ii. Smita Hande, Manita Rajput "DCT based Watermarking in Video for Copyright Protection" in proceedings of NCVSP-11
- iii. Manita Rajput, Simta Hande "Dynamic Channel Allocation and Call Admission Control in DS-CDMA" in proceedings of NCVSP-11
- iv. Smita Hande, Manita Rajput, "Bit-plane Digital Watermarking for Digital images and Audio" in proceedings of Zenith 09

5. No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.

1. Co-authored a book on "Mobile Communication System" which was published in Sept. 2019 by Ques10 publishers. ISBN number: 978-81-941427-4-4
2. eBook ISBN: 978-981-15-0145-6 for the same book
3. The paper on "Smog Detection and Pollution Alert System Using Wireless Sensor Network" got published in Springers "Lecture Notes in Networks and Systems-2019". ISBN 978-981-15-0146-6