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International Journals

1. **Sandhya M.K**, Sathya Priya S and Prasidh S, "Detection of Obstructive Sleep Apnea using Internet of Things: A Review", International Journal of Sensors, Wireless Communications and Control (2020) **(Accepted for Publication)**

2. Reshmi.T. R, Shymala.L and **Sandhya.M.K**, 'Mitigation of Selfish Node Attacks in Autoconfiguration of MANETs', International Journal of Advances in Applied Sciences, vol. 7, no. 2, 2018, pp.162-168.

3. **Sandhya M K**, Murugan K and Devaraj P 'False data detection and dynamic selection of aggregator nodes with pair-wise key establishment in homogeneous wireless sensor networks', Int. J. Advanced Intelligence Paradigms, Inderscience, vol. 10, no. 1/2, 2018, pp 83-102 **(Scopus and UGC Listed).**

4. **Sandhya M K**, Murugan K & Devaraj P, 'Selection of Aggregator Nodes and False Data Elimination in Wireless Sensor Networks' Wireless Networks, Springer, vol. 21, no. 4, 2015, pp 1327-1341 **(Annexure I Impact factor: 2.405)**

International conferences

1. Deepa.R and **Sandhya.M.K**, 'An Efficient Hand Gesture Recognition System using Deep Learning', International Conference on Intelligent Computing, Information and Control Systems (ICICCS 2019), Malla Reddy College of Engineering, Secundarabad, India, June 2019 **(Published as Book Chapter in Springer Series)**

2. S.Shakthidhar, P. Srikrishnan, S.Santhosh, **Sandhya. M. K**, 'Arduino And Node MCU Based Ingenious Household Objects Monitoring And Control Environment, 5th International Conference On Science Technology Engineering & Mathematics Probing Artificial Intelligence Techniques And Research In IOT, Jeppiaar Engineering College, March 2019 **(Published in IEEE Xplore)**

3. Vishnupriya. S, **Sandhya. M. K**, 'Advertisement Feeds Based On Online User's Mood's Analysis', 7th International Conference On Contemporary Engineering And Technology, Prince Shri Venkateshwara Padmavathy Engineering College, March 2019.

4. Chandnika R, Gayathri B, Sowmya Rajasekar and **Sandhya M K**, 'Identity based Encryption and Revocation Techniques: A Survey', International Conference on Informatics & Computing in Engineering Systems, Organized by S.A Engineering College, 21-22 March 2018

5. **Sandhya M K**, Soundarya V, Swarnalakshmi R and Swathi I, 'Prediction of Social media User's Mood using Deep Learning', International Conference on Computing and Information Systems, Organized by Loyola - ICAM college of Engineering & Technology 9th March 2018. Published in International Journal of Computer Science and Engineering **(UGC Listed).**

6. Karthik Shiva G, Shashank S and **Sandhya M K**, 'Live Object Detection Using Fast R-CNN Algorithm', International Conference on Science and Innovative Engineering, Organized by Jawahar Engineering College, 1 April 2018.

7. V.Venkatesan, **Sandhya M K** and B.Monica Jenefer, "Computed Tomography Scan Simulation Techniques: A Survey" in 4th International Conference on Signal Processing, Communications and Networking. Organized by the department of Electronics Engineering, MIT Campus, Anna University, Chennai on 18/3/2017. **(Published in IEEE Xplore)**

8. M. Chandni, N. P. Sowmiya, S. Mohana and **Sandhya M K,** "Establishing Trust despite Attacks in Cloud Computing: A Survey" in IEEE International Conference on "Wireless Communications, Signal Processing and Networking" (WiSPNET) organized by at SSN College of Engineering, Chennai on 22/03/2017. **(Published in IEEE Xplore)**

9. Meenu Sara Mathai, L. Shruthy, S. Heera and **Sandhya M K,** "Machine Learning techniques for Prediction of Ambient Air Quality Levels: A Survey" in International Conference on "Contemporary Engineering 2017" (ICCET'17) organised by Madha Engineering College, Chennai on 24/3/2017.

National conferences

10. N.Sharmila, M.P. Swetha, 'An Automated Secure Voting System For Digital India', National Conference On Trends In Computing Technologies, Meenakshi Sundararajan Engineering College, 2nd March 2019.

11. V. Hari Krishnan, **Sandhya M K** and B.Monica Jenefer presented a paper titled "An Efficient Implementation Of Tower Of Hanoi Using Gray Codes" in National Conference on "Computational Intelligence Systems" (NCCIS '17) organized by Loyola - ICAM College of Engineering and Technology, Chennai on 10/3/17.

12. Keerthana Prabhu, Nafeesa Sulthana F, Shriya P, **Sandhya M K**, 'Content Analysis Of Twitter Data For Disaster Response', Proceedings of National Conference on Communication and Informatics-2016, Organized by Department of Information Technology, Sri Venkateswara College of Engineering, Sriperumbudur (2016). Published in the special issue of International Journal of Advanced Computer and Engineering Technology **(Received the Best paper Award).**

13. Jaishree S R, Vindya T, **Sandhya M K**, 'Micro-Seismic Zonation Based On Geospatial Data Using GIS Technology', Proceedings of National Conference on Communication and Informatics-2016, Organized by Department of Information Technology, Sri Venkateswara College of Engineering, Sriperumbudur, (2016). Published in the special issue of International Journal of Advanced Computer and Engineering Technology.