## **Daftar Pustaka**

- 1. P. Bansal, M. Malik and R. Kundu, "Smart heart rate monitoring system," 2018 IEEMA Engineer Infinite Conference (eTechNxT), 2018, pp. 1-4, doi: 10.1109/ETECHNXT.2018.8385347.
- 2. H. C. Irawan and T. Juhana, "Heart rate monitoring using IoT wearable for ambulatory patient," 2017 11th International Conference on Telecommunication Systems Services and Applications (TSSA), 2017, pp. 1-4, doi: 10.1109/TSSA.2017.8272931.
- 3. CHI EA '07: CHI '07 Extended Abstracts on Human Factors in Computing SystemsApril2007 Pages 2651–2656https://doi.org/10.1145/1240866.1241057
- 4. D. Carneiro, P. Novais, J. C. Augusto and N. Payne, "New Methods for Stress Assessment and Monitoring at the Workplace," in IEEE Transactions on Affective Computing, vol. 10, no. 2, pp. 237-254, 1 April-June 2019, doi: 10.1109/TAFFC.2017.2699633.
- 5. K. Kalyan, V. K. Chugh and C. S. Anoop, "Non-invasive heart rate monitoring system using giant magneto resistance sensor," 201638th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), 2016, pp. 4873-4876, doi:10.1109/EMBC.2016.7591819.
- 6. William E.Lewis, W.H.C.Bassetti "Software Testing and Continuous Quality Improvement" 2nd Edition, Auerbach Publications, 2004
- 7. R.S. Pressman & teal, "Software Engineering A Practitioner's Approach" 6/e; Chapter 14: Software Testing Techniques, 2005
- 8. Mohd. Ehmer Khan, "Different Approaches to Black Box Testing Technique for Finding Errors," IJSEA, Vol. 2, No. 4, pp 31-40, October2011
- 9. Nidhra, Srinivas, and Jagruthi Dondeti. "Black box and white box testing techniques- A Literature." International Journal of Embedded Systems & Applications 2.2 (2012).
- 10.Grey Box Testing from Wikipedia available at http://en.wikipedia.org/wiki/Gray box testing
- 11.M. A. Jan, P. Nanda, X. He and R. P. Liu. 2013. "Enhancing lifetime and quality of data in cluster-based hierarchical routing protocol for wireless sensor network", 2013 IEEE International Conference on High Performance Computing and Communications & 2013 IEEE International Conference on Embedded and Ubiquitous Computing (HPCC & EUC), pp. 1400-1407.
- 12.M. A. Jan, P. Nanda, and X. He. 2013. "Energy Evaluation Model for an Improved Centralized Clustering Hierarchical Algorithm in WSN", in Wired/Wireless Internet Communication, Lecture Notes in Computer Science, pp. 154–167, Springer, Berlin, Germany.
- 13.F. Khan, K. Nakagawa. 2012. "Performance Improvement in Cognitive Radio

- Sensor Networks" in the IEICE Japan.
- 14.M. A. Jan, P. Nanda, X. He and R. P. Liu. 2014. "PASCCC: Priority-based application-specific congestion control clustering protocol," Computer Networks, vol. 74, pp. 92-102.
- 15.Mian Ahmad Jan and Muhammad Khan. 2013. A Survey of Cluster- based Hierarchical Routing Protocols, IRACST–International Journal of Computer Networks and Wireless Communications (IJCNWC), Vol.3, pp.138-143.
- 16.F. Khan, K. Nakagawa. 2013. "Comparative Study of Spectrum Sensing Techniques in Cognitive Radio Networks" in World Congress on Computer and Information Technology, pp.1-8
- 17. Mian Ahmad Jan and Muhammad Khan. 2013. Denial of Service Attacks and Their Countermeasures in WSN, IRACST–International Journal of Computer Networks and Wireless Communications (IJCNWC), vol. 3, April 2013.
- 18.M. A. Jan, P. Nanda, X. He and R. P. Liu. 2015. "A Sybil Attack Detection Scheme for a Centralized Clustering-based Hierarchical Network," in Trustcom/BigDataSE/ISPA, Vol.1, PP-318-325, IEEE.
- 19.M. A. Jan, P. Nanda, X. He, Z. Tan and R. P. Liu. 2014. "A robust authentication scheme for observing resources in the internet ofthings environment" in 13th International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom),pp. 205-211, IEEE
- 20.F. Khan, S.A. Kamal, F. Arif, "Fairness Improvement in long-chain Multi-hop Wireless Ad hoc Networks" in IEEE ICCVE 2013, Las Vegas, USA 2-6 December, 2013
- 21. Ali, H., Saeed, A., Jan, S.R.U., Khan, A.U., & Khawaja, A. 2012. "Internet Connectivity using Vehicular Ad-Hoc Networks" Ali, R., Ali, H., Salman & Iqbal, S. 2014. "A Novel Survey on: MobilityBased Routing in Vehicular Ad-Hoc Networks (Vanets)", Journal of Applied Environmental and Biological Sciences, pp. 487.
- 22.Mian Ahmad Jan, "Energy-efficient routing and secure communication in wireless sensor networks" PhD Thesis, 2016.http://hdl.handle.net/10453/43497
- 23.F.Khan 2012. "Secure communication and routing architecture in wireless sensor networks" in IEEE 3rd Global Conference Consumer Electronics (GCCE), pp 647-650.
- 24.K.Nakagawa F. Khan, F. Bashir. 2012. "Dual Head Clustering Scheme in Wireless Sensor Networks" International Conference on EmergingTechnologies (ICET), pp. 1-5.
- 25.M. A. Jan, P. Nanda, X. He and R. P. Liu. 2016. A Lightweight Mutual Authentication Scheme for IoT Objects, IEEE Transactions on Dependable and Secure Computing (TDSC), "Submitted".
- 26.M. A. Jan, P. Nanda, X. He and R. P. Liu. 2016. A Sybil Attack Detection

- Scheme for a Forest Wildfire Monitoring Application, Future Generation Computer Systems (FGCS), "Submitted".
- 27.G. Baxter and I. Sommerville, "Socio-technical systems: From design methods to systems engineering," in Interacting with Computers, vol.23, no. 1, pp. 4-17, Jan. 2011, doi: 10.1016/j.intcom.2010.07.003.
- 28. S. Sriramprakash, Vadana D Prasanna, O.V. Ramana Murthy, Stress Detection in Working People, Procedia Computer Science, Volume 115, 2017, Pages 359-366, ISSN 1877-0509, <a href="https://doi.org/10.1016/j.procs.2017.09.090">https://doi.org/10.1016/j.procs.2017.09.090</a>.
- 29. Montagu, J. D., & Coles, E. M. (1966). Mechanism and measurement of the galvanic skin response. Psychological Bulletin, 65(5), 261–279. https://doi.org/10.1037/h0023204.
- 30. Sepehri, Shiva et al. 'Human Cognitive Functions and Psycho-physiological Responses Under Low Thermal Conditions in a Simulated Office Environment'. 1 Jan. 2021: 197 207.
- 31. Fortune, E, Yusuf, Y, Zornes, S, Loyo Lopez, J, & Blocker, R. "Assessing Induced Emotions in Employees in a Workplace Setting Using Wearable Devices." Proceedings of the 2020 Design of Medical Devices Conference. 2020 Design of Medical Devices Conference. Minneapolis, Minnesota, USA. April 6–9, 2020. V001T09A004. ASME.https://doi.org/10.1115/DMD2020-9062
- 32.Boshoff, Christo. "An assessment of consumers' subconscious responses to frontline employees' attractiveness in a service failure and recovery situation." South African Journal of Economic and Management Sciences 20.1 (2017): 1-13.
- 33.P. Das, A. Das, D. N. Tibarewala and A. Khasnobish, "Design and development of portable galvanic skin response acquisition and analysis system," 2016 International Conference on Intelligent Control Power and Instrumentation (ICICPI), 2016, pp. 127-131, doi:10.1109/ICICPI.2016.7859688.
- 34.K. Subramanya, V. V. Bhat and S. Kamath, "A wearable device for monitoring galvanic skin response to accurately predict changes in blood pressure indexes and cardiovascular dynamics," 2013 Annual IEEE India Conference (INDICON), 2013, pp. 1-4, doi: 10.1109/INDCON.2013.6726085.
- 35.J. Kim, S. Kwon, S. Seo and K. Park, "Highly wearable galvanic skin response sensor using flexible and conductive polymer foam," 2014 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2014, pp. 6631-6634, doi: 10.1109/EMBC.2014.6945148.