REFERENCES

1. Mridul Pandey, K. Ramkumar & V. Alagesan "Design of Fuzzy Logic Controller for a Cross Flow Shell and Tube Heat-Exchanger," IEEE, Mar 2012.
2. M.Chidambaram, and Y.S.N. Malleswara rao, 1992,Nonlinear Controllers for heat exchangers, J. Proc. Cont., vol 2(1), pp 17-21.
3. Yuvraj Bhushan Khare Yaduvir Singh," PID Control of Heat Exchanger System" International Journal of Computer Applications (0975 – 8887) Volume 8– No.6, October 2010.
4. Satyendra Dhaka, Dilip Dandotiya, P. K. Pandey, D. B. V. Singh," An Intelligent Control Strategies Implemented on Heat Exchanger System: A Case Study " International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), 2013.
5. Neeraj Srivastava, Deoraj Kumar Tanti, Md Akram Ahmad, "Matlab Simulation of Temperature Control of Heat Exchanger using Different Controllers", *Automation, Control and Intelligent Systems.* Vol. 2, No. 1, 2014, pp. 1-5. doi: 10.11648/j.acis.20140201.11
6. K.Rajalakshmi, Ms.V.Mangaiyarkarasi, "Control Of Heat Exchanger Using Internal Model Controller " IOSR Journal of Engineering (IOSRJEN), Vol. 3, Issue 7 (July. 2013), ||V1 || PP 09-15.
7. Dirman Hanafi, Mohd Nor Mohd Than, Abdulrahman A.A. Emhemed, Tatang Mulyana, Amran Mohd Zaid and Ayob Hj. Johari, "Heat Exchanger's Shell and Tube Modeling for inteligent Control Design", International Conference on Computer and Communication Devices (ICCCD 2011), 2011.
8. BS Manke, "Linear Control System". 9 edition 2010
9. Sujit S. Nerurkar, "Design and Implementation of Fuzzy Logic Controller for a Process Control Application". January 1994.
10. http://www.mathworks.com/
11. Jasper van Dessel, "Multivariable Optimal Control in Organic Rankine Cycle (ORC) System for Waste Heat Recovery", May 2014.

12. Junjun Xu, Xianglong Luo, Ying Chen, Songping Mo, "Multi-criteria design optimization and screening of heat exchangers for a subcritical ORC". The 7th International Conference on Applied Energy – ICAE2015
13. http://www.engineeringtoolbox.com/
14. M. Gopal, Control Systems Principles and DeSign, Tata Mc Graw Hill, 2007.
15. Fisher Controls International LLC, "The Control Valve Handbook", 2005.
16. Masoneilan "Noise Control Manual", 2001
17. https://en.wikipedia.org
18. Subhransu Padhee, Yuvraj Bhushan Khare, Yaduvir Singh, "Internal Model Based PID Control of Shell and Tube Heat Exchanger System", January 2011.
19. Subhransu Padhee, "Controller Design for Temperature Control of Heat Exchanger System: Simulation Studies", 2014.
20. Afraa Hilal Kamel Al-Tae, "Comparative Study of Temperature Control in a Heat Exchanger Process", 2011
21. http://www.igi-global.com
22. Sylvain Quoilin, Richard Aumann, Andreas Grill, Andreas Schuster, Vincent Lemort, Hartmut Spliethoff, " Dynamic modeling and optimal control strategy of waste heat recovery Organic Rankine Cycles", Applied Energy, 2011
23. L. Z. Zhang, D. S. Zhu, X. H. Deng, B. HUa, Thermodynamic modeling of a novel air dehumidification system, Energy and Building 37, 2005.
24. Mahesh Kr. Nandwana1 and NirojPokhrel, S. N. Singh and J. Kumar, July 2010 ―Fuzzy logic control implementation in a PVC extruder for temperature control in a cable manufacturing industry‖, *Indian Journal of Science and Technology*, Vol.3, No.7, pp.798-801.