REFERENCES

Ademu, V. O. (2010). Master's Thesis report, Developing Advanced Control strategies for a 4-Tank Laboratory process, Telemark University College

Alok, M. P. (2003). Dynamic mathematical model of heat exchanger, University of Tennessee at Chattanooga, Engineering and Computer Science

Alwan, G. M., Farooq A., Mehdi, Adnan A. A. & Neran M. (2010), Operation and Control of a Wastewater Treatment Plant Using LabVIEW. Eng. & Tech.Journal, Vol.28 No.17, 2010

Autar, K. (2004). Runge 2nd Order Method for Ordinary Differential Equations, http://numericalmethods.eng.usf.edu

Buckley, P. S. (1964). Techniques of Process Control. John Wiley & Sons, Inc., NY, USA.

David, C., Control System, Plant, Simulator: A Framework for Hardware-In-The-Loop Simulation. A Thesis Submitted in Partial Fulfillment of the Requirements for the Degree of Masters of Science in Computer Engineering Masters of Science in C

Downs, J. J. & Vogel, E. F. a plant-wide industrial process problem control Eastman chemical company, Kingsport, t'n 37662, USA.

Edgar, T. F., Seborg D. E. & Mellichamp D. A. (2003). Process Dynamics and Control, Wiley & Sons, New York, 3rd Edition

Elvira, M.B. & Aske, (2009) Design of plantwide control systems with focus on maximizing throughput, Thesis for the degree of philosophies doctor Trondheim

Finn, A.H. (2010). Basic Dynamics and Control, TechTeach, ISBN 978-82-91748-13-9

Finn, A.H. (2012). SIM VIEW http://techteach.no/simview/ Access on 1st July 2013

John, D. & Bruce F., (1990) Allen Tannenbaum, Feedback Control Theory, Macmillan Publishing Co.,

Kida, F. (2004). Plant wide control system (1) which the process engineer designs. On the consistency of the plant wide control loop composition. Simple judgment and composition standard tactics rule of the erratum of the control loop composition. Chemical Engineering (Tokyo) **49**(2), 144–151. In Japanese.

Kida, F. (2008). Private communication, Kida has published 6 papers about plantwide control configuration in Chemical Engineering (Japan:Tokyo) in February, March, April, June, July and September; 2004, all in Japanese

Karl, J. Å., (2002). Control System Design, Lecture Notes for ME 155A, Department of Mechanical and Environmental Engineering University of California Santa Barbara.

Karl, J. °A. (2006). Institute of Technology Richard M. Murray Control and Dynamical Systems California Institute of Technology Feedback Systems: An Introduction for Scientists and Engineers Department of Automatic Control Lund, DRAFT v2.4a

LabVIEW Function and VI Reference Manual. January 1998 Edition. Part Number 321526B-01 University of Moratuwa, Sri Lanka.

Luyben, Tyreus B.D.D. Luybens W.I.D. is 1997) Plantwide control design procedure. Alche J. 43 v 3 161 b 3 4 7 4. ac. lk

Luyben, W. L., B. D. Tyerus and M. L. Luyben (1998). *Plantwide process control*. McGraw-Hill.

Murtadha, S. M. (2011) On-Line Control of ph Neutralization For Wastewater Using Labview

Norhaliza, A. W. (2012), LabVIEW-based simulator for the activated sludge process

Price, R. M. & Georgakis C. (1993). Plantwide regulatory control design procedure using a tiered framework. Ind. Eng. Chem. Res. **32**, 2693–2705. Downs, J. J. (1992). Distillation control in a plantwide control environment. In: Practical Distillation Control (William L. Luyben, Ed.). pp. 413–439. Von Nostrand Reinhold, New York, USA

Price, R. M., Lyman, P. R. & Georgakis, C. (1994). Throughput manipulation in plantwide control structures. Ind. Eng. Chem. Res. **33**, 1197–1207

Price, R. M. & Georgakis, C. (1993). Plantwide regulatory control design procedure using a tiered framework. Ind. Eng. Chem. Res. **32**, 2693–2705.

Price, R. M., Lyman P. R. & Georgakis C. (1994). Throughput manipulation in plantwide control structures. Ind. Eng. Chem. Res. **33**, 1197–1207.

Shankar, S.T., Shell and Tube Heat Exchangers, web2.clarkson.edu/projects/subramanian/ch302/notes/shelltube.pdf. Access on 1st January 2014

Truls, L. (2000). Studies On Plantwide Control, A Thesis Submitted for the Degree of Dr. Ing. Department of Chemical Engineering Norwegian University of Science and Technology

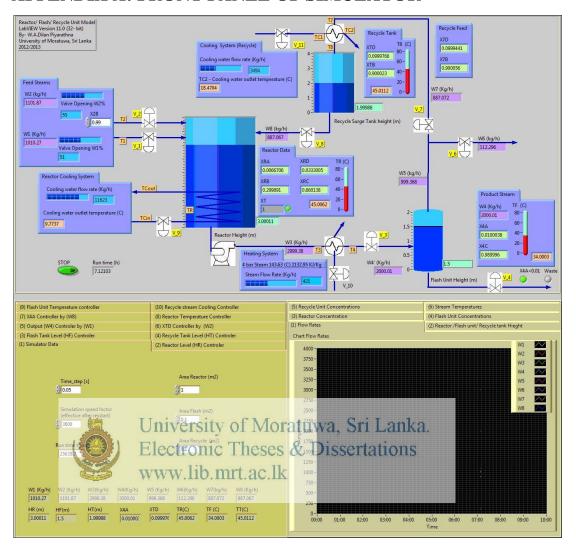
Tyreus, B.D., Luyben, W. L., (1993) Dynamics and control of recycle systems. 4. Ternary systems with one and two recycle streams., Ind. Eng. Chem. Res., 32, pp.1154-1162

Vedik, B. (2007). Temperature Control of an Air Shower, A Thesis presented to the Graduate School of Clemson University

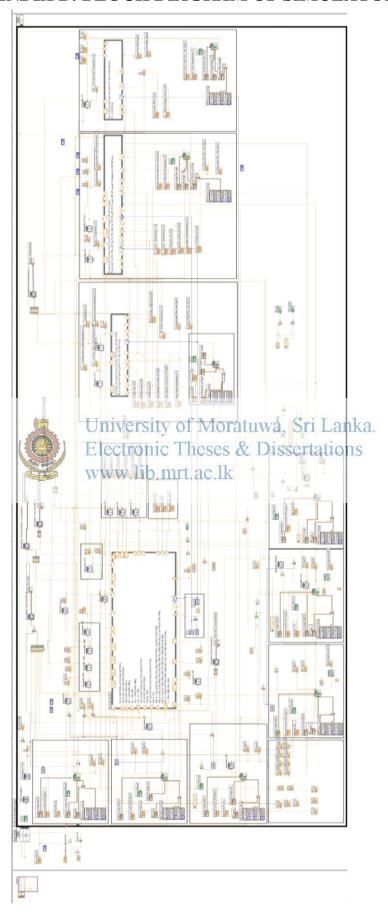
University of Moratuwa, Sri Lanka.

Zeng, L. Lin G.J.E. C.Linnis, T. (2006). Application LABVIEW in on-line monitoring and Automatic Control of Permentation Process, Control & Computer, No. 22, P. 48-50,

APPENDIX A: FRONT PANEL OF SIMULATOR



APPENDIX B: BLOCK DIAGRAM OF SIMULATOR



APPENDIX C: LABVIEW SIMULATOR CD COPY

