

LIST OF PUBLICATIONS

Dr. P. Subha Hency Jose, M.E., Ph.D.

1. Sivakumar L, SubhaHency Jims, Dharmalingam S (2016), "An investigation on the efficacy of classical tuning algorithm to satisfy advanced requirements: control of main steam pressure during fuel switching and load disturbances in coal fired boilers", International Federation of Automatic Control, IFAC-Papers On Line49-1, 443–449.
2. P.SubhaHency Jims, J. Jayakumar, S.Dharmalingam (2017), "Application of classical step response method to evaluate the PID controller constants for controlling the critical process parameters of a 500 MW steam generator in a thermal power plant during fuel switching", Journal of Electrical Engineering, Vol.16, 4th Edition, 299-309.
3. AngelineRajathi, P.SubhaHency Jose (2017), "Implementation of Adaptive Neuro Fuzzy inference System for Electro Coagulation Process to treat Dye WasteWater", Indian Journal of Environmental Protection, Vol.37, No.7, July 2017, pp 568-572
4. P.SubhaHency Jims, J. Jayakumar, S.Dharmalingam (2017), "Application of classical step response method to determine the PID Controller Parameters for a 500 MW Steam Generation in a Thermal Power Plant", Pak. J. Biotechnol. Vol. 14 (Special Issue II) Pp. 242-245
5. P. SubhaHency Jims, S. Dharmalingam, G. Jims John Wessley(2017), 'An improved method to control the critical parameters of a multivariable control' IOP Conf series: Materials Science and Engineering 247 (2017) 012006 doi:10.1088/1757-899X/247/1/012006
6. J. FulnaKanaga; P. SubhaHency Jose, Repetitive controller for a nonlinear liquid level system, International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), 2015 , **DOI:10.1109/ICIIECS.2015.7193260**
7. Mila Mary Job; P. SubhaHency Jose Modeling and control of mechatronic aeropendulum , , International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), 2015 **DOI:10.1109/ICIIECS.2015.7192959**
8. Anjusha P. Jaimon; P. SubhaHency Jose, Temperature control of catalytic cracking process, International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), 2015 **DOI:10.1109/ICIIECS.2015.7192960**
9. Xavier Christie P.,P.SubhaHency Jose(2015), "Design of Model reference Adaptive Control for a quadruple tank system using LabVIEW", International conference on Innovations in Information, Embedded and Communication Systems(ICIIECS)**DOI:10.1109/ICIIECS.2015.7192896**
10. Rajalakshmy. P,S. Dharmalingam, SubhaHency Jose, (2018), "Development of reduced order model for a 500 MW Utility Boiler in a thermal power plant", Indian Journal Environmental Protection , July 2018.(Scopus Indexed)
11. Rajalakshmy. P, P. SubhaHency Jose, B.Thilagavathy, (2019), "Development of Magnetic Levitation System", International Journal of Innovative Technology and Exploring Engineering. Vol. 8, Issue 45,2019, Pp. 248-251 (Scopus Indexed)
12. P. Sweetey Jose, P. Kathires, G. Jims John Wessley, P. SubhaHency Jose, (2019) "E-Waste Environmental Issues and Management-A review, Indian Journal of Environmental Protection, July 2019.
13. P. SubhaHency Jose, Jerome, P. Rajalakshmy (2019), "Design and Implementation of Stable PID controller for a quadruple tank system", Indian Journal of Environmental Protection.
14. P. SubhaHency Jose, P. Rajalakshmy, P.Manimegalai, K. Rajasekaran,(2019) "A novel methodology for the design of a portable ventilator", International Journal of Innovative Technology and Exploring Engineering
15. P. SubhaHency Jose, G. Jims John Wessley, Kotteshwaran,(2019), Efficacy of classical tuning method for nonlinear multi variable processes- A case study with fluidised bed coal gasifier, ARPN Journal of Engineering and Applied Sciences
16. SubhaHency Jose, P., Rajasekaran, K., Rajalakshmy, P., Jebastina, B. A Non-Invasive Method for Measurement of Blood Glucose using Bio Impedance Technique, 2nd International Conference on Signal Processing and Communication, ICSPC 2019 - Proceedings
17. Jane PreethaPrincy, R., Parthasarathy, S., SubhaHency Jose, (2020)P., Lakshminarayanan, A.R., Jeganathan, S. Prediction of Cardiac Disease using Supervised Machine Learning Algorithms Proceedings of the International Conference on Intelligent Computing and Control Systems,

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18. Jegan, R., Ashwin, V.H., Rajalakshmy, P., Jose, P.S.H.(2020), Eeg based internal stress observation: An overview of methods involved from eeg acquisition to system design Journal of Critical Reviews
19. Varghese, S.G., Jacob, O.R., Jose, P.S.H., Jegan, R.Comparative analysis of the efficacy of the eeg-based machine learning method for the screening and diagnosing of alcohol use disorder (aud),Advances in Intelligent Systems and Computing, 2021, 1167, pp. 89-96
20. R. Krishnaraj, G. Jims John Wessley, P. SubhaHency Jose, Davidson Dharmaraj, On design and Off design simulation of the performance of a Micro Turbofan Engine using LabVIEW and GSP", International Journal of Pure and Applied Mathematics, Volume 110.
21. T Angel Mercyl, J Jeshua Linu1, P SubhaHency Jose, "Bio-Signal Monitoring System using Mobile Phone ", DJ Journal of Advances in Electronics and Communication Engineering, Vol. 4(2) 2018, pp. 11-16.
22. Rajalakshmy. P, SubhaHency Jose. P,Dharmalingam. S, Jayakumar. J, "Development of detailed mathematical model of a 500 MW utility boiler based on chemical and thermodynamic equations", International Journal of Chemtech Research, Volume 10, Number 6, 2017. (UGC Journal)
23. AngelineRajathie, P. SubhaHency Jose, " Comparison of Back Propagation Network and Fuzzy Logic for Electrocoagulation process to treat Dye wastewater", International Journal of Chem Tech Research.Vol.4 Issue :2. April-June 2017, pp: 622-630.
24. AngelineRajathi,P.SubhaHency Jose, K.Rajasekaran(2017), "Temperature control of Catalytic Cracking Process using SCADA and PLC", International Journal of Advanced Research in Education & Technology (IJARET) Vol.4 Issue :2. April-June 2017, 568-572
25. Angel Mercy, Jeshua, P. SubhaHency Jose(2018), " Bio Signal Monitoring system using Mobile Phone", DJ Journal of Advances in Electronics and Communication Engineering, Vol. 4 (2), pp. 11-16.