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List of Publication for last five years:

1.Sivakumar L, Subha Hency 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-PapersOnLine49-1, 443–449.

2. P. Subha Hency 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.Angeline Rajathi, P.Subha Hency 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. Subha Hency 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. Subha Hency 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. Subha Hency 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. Subha Hency 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. Subha Hency 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. Subha Hency 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, Subha Hency 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. Subha Hency 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. Sweet Jose, P. Kathires, G. Jims John Wessley, P. Subha Hency Jose, (2019) "E-Waste Environmental Issues and Management-A review, Indian Journal of Environmental Protection, July 2019.

13. P. Subha Hency Jose, Jerome, P. Rajalakshmy (2019), "Design and Implementation of Stable PID controller for a quadruple tank system", Indian Journal of Environmental Protection.
- 14.P. Subha Hency 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. Subha Hency 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. Subha Hency 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 Preetha Princy, R., Parthasarathy, S., Subha Hency 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, ICICCS 2020
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. Subha Hency 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 Mercy¹, J Jeshua Linu¹, P Subha Hency 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.Angeline Rajathie, P. Subha Hency 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.Angeline Rajathi,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.Anish Thomas, Subha Hency Jose, Asha Prasad, AjithRavindran, (2014), “ Speed Control of a DC Motor Using Fractional Order Proportional Derivative(FOPD) Control” , International Journal of Engineering Research and Technology, Vol.3(01), 2014, ISSN 2278-0181.
- 26.Ben Joe Raj, P. Subha HencyJose(2014),“ Fuzzy logic based PID controller for a Non Linear Spherical tank System”, International Journal of Engineering Research & Technology, ISSN: 2278-0181, Vol.3, Issue 2.
- 27.J.FulnaKanaga, P.Subhahency Jose(2014), “ Repetitive controller Design for Heat Exchanger”, i-Manager’s Journal on Instrumentation & Control Engineering, Vol.2, No.4.
- 28.Lekshminair. J. ,P.SubhaHency Jose, Samuel. J(2013), “ Estimation of level using Kalman Filter”, Journal of Emerging Technologies-Electrical Engineering.
- 29.Lekshminair. J. ,P.SubhaHency Jose(2013), “ A Novel approach for the implementation of Kalman Filter for Level estimation”, International Journal of Computer Applications(0975-8887)
- 30.Jayaprakash.J., Davidson.D,P.Subhahency Jose(2013), “ Comparison of controller performance for MIMO process”, International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459

31.Sarath, P.Subha Hency Jose, Daniel Furtado(2013), “ Level Measurement Using MEMS pressure sensor”, International Journal of Advanced research in Computer Science and Software Engineering, Volume 3, Issue 1.

32.Mary Mol Paul, P.SubhaHency Jose(2013), “ Identification and Control of a Cylindrical Tank based on System identification Models”, International Journal on Theoretical and Applied Research in Mechanical Engineering, Volume 2, Issue 1,45-48.

33..Renu, P.Subha hency Jose, K. Rajasekaran, “Gain Scheduling Controller for A Temperature Process”, Karunya Journal of Research, Volume 4, Issue 1, September 2012. ISSN- 0974-7214.

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