

Name of faculty: G.VIMALARANI

Department: ECE

No. of completed years of service: 17 YEARS

Educational qualification – ME (APPLIED ELECTRONICS)
BE (INSTRUMENTATION AND CONTROL
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Publications

Publications in Journals

- A Paper titled 'Tracking Control System For Autonomous Underwater Vehicle Using Mrac Technique' International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 5, Issue 4, April 2016
- A paper titled "Application of Multiple Databases based on hand features in hand biometry" in Springer India 2015, Emerging Research in computing, information communication and Application. Pg 189-196 (September 2015).
- A Paper titled 'Tracking Control System For Autonomous Underwater Vehicle Using Mrac Technique' International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 5, Issue 4, April 2016
- A Paper titled "Modeling and Control of a Modular Multilevel Converter" is published in the "International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)", ISSN: 0976- 1353, Volume 13, Issue 1, Pp 462-467 in March 2015.
- A Paper titled "EEG Based Emotion recognition System Using MFDFA as Feature Extractor" is published in the IEEE Xplore Digital Library in April 2015.

Publications in Conference proceedings

- Sebastian .M and **G.Vimalarani**. CO2/O2 Trimming in optimum Boiler Operation, 5th International Conference on Science and Innovative Engineering Jawahar Engineering College, Chennai, May 4th 2015.
- Mithun Ashok and **G.Vimalarani**. Modelling and control of a modular Multilevel Converter, ICRRE, SKR Engineering College, Chennai, March 13th 2015.
- V.Prakash and **G.Vimalaranu**. Application of Multiple databases based on Hand features in Hand Biometry, Third International Conference On "Emerging Research In Computing, Information, Communication And Applications" - ERCICA-2015, July 31th 2015.
- Sananda Paul and **G.Vimalarani**. EEG Based Emotion Recognition System using MFDFA as Feature Extractor, International Conference RACE 2015, Hindustan University, March 18th and 19th -2015.
- Shanmugavalli .K and **G.Vimalarani**. Cameraless Surveillance System to detect & track Enemy Intrusion system, International Conference -ICICES 12, SA Engineering College, February 4th and 5th –2011
- AkshayaBhanu and **G.Vimalarani**. Non-Linear Adaptive Control For Boiler Turbine Units using LabVIEW, National Conference – ETCET 11, SVCET,VIRUDHUNAGAR, February 4th and 5th –2011