

International Conferences

1. **Paulraj M P**, Eric K W, Sazali Bin Yaacob, "A Visual Perception Approach for Thought Translational Device", International Conference on Man Machine Interfacing Systems-2015, 30-31 March 2015, Penang, Malaysia. (Paper Number 23).
2. **Paulraj M P**, Jackie Teh, "Mel Frequency Band Structure Based Features for Motor Imagery Task Classification", International Conference on Man Machine Interfacing Systems-2015, 30-31 March 2015, Penang, Malaysia. (Paper Number 38).
3. **Paulraj M P**, Kamalraj, Hema C R, , "Classification Of Hearing Perception Level using Auditory Evoked Potentials", International Conference on Man Machine Interfacing Systems-2015, 30-31 March 2015, Penang, Malaysia. (Paper Number 41).
4. Sathees Kumar Nataraj, **Paulraj M P**, Sazali Bin Yaacob and Abdul Hamid Adom, "Classification of Visually Evoked Potentials Using Extreme Learning Machine to Command An Intelligent Robot Chair with Communication Aid", 2nd Int. Conference on Advanced Computing and Communication Systems , 5-7 Jan 2015, Coimbatore, India. (Paper Accepted).
5. Sathees Kumar Nataraj, **Paulraj M P**, Sazali Bin Yaacob and Abdul Hamid Adom, Higher Order Spectra Band Features Based Classification of VEP Responses to Command an Intelligent Robot Chair with Communication Aid, IEEE Sponsored 9th International Conference on Intelligent Systems and Control, 9th Jan 2015. (Paper Accepted).
6. B.Gowry, A.B. Shahrman and **Paulraj M P**, "Electrical bio-impedance as a promising prognostic alternative in detecting breast cancer: A Review", International Conference on Biomedical Engineering-2015, 30-31 March 2015, Penang, Malaysia. (Paper Accepted).
7. Yusnita M A, **Paulraj M P**, Sazal Yaacob and R. Yusuf, "Statistical Descriptors of Mel-bands Spectral Energy Features with Feature Reduction Application for Robust Accent Recognition in Malaysian English", International Post Graduate Research Conference ENGGPOS-2015, Karpagam University , Coimbatore, 12-13 March 2015.
8. Yusnita, M. A., **Paulraj M P**, Sazali Yaacob and Nor Fadzilah, M, "Multi-resolution Analysis of Linear Predictive Coding using Discrete Wavelet Transform for Automated Accent Recognition of Diverse Ethnics in Malaysian English", Submitted to 2nd International Conference on Communication and Computer Engineering, ICOCOE 2015, Phuket, Thailand, 9-11 June 2015.
9. Yusnita M. A, **Paulraj M P**, Sazali Yaacob and R. Yusuf , "Statistical Descriptors of Mel-bands Spectral Energy Features with Feature Reduction Application for Robust Accent", Recent Developments in Engineering Research, ENGGPOS 2015, Karpagam University, p.no. 19-24, Coimbatore, 12-13 March 2015.
10. Mohd Shuhanaz Zonar Azalan, **Paulraj M P**, "Statistical Parameters based channel Reduction Method for Motor Imagery Brain Machine Interface", Recent Developments in Engineering Research, ENGGPOS 2015, Karpagam University, p.no. 54-61, Coimbatore, 12-13 March 2015.
11. Jackie Teh, **Paulraj M P**, "Fractal and Mel-Frequency Cepstral Coefficient Features for Motor-Imagery Task Classification", Recent Developments in Engineering Research, ENGGPOS 2015, Karpagam University, p.no. 62-65, Coimbatore, 12-13 March 2015.
12. N Farhana I E, M S Abdul Majid, **Paulraj M P**, Helmi E A, "Determination of Volume Fraction of a Glass Fibre/Matrix Composite Plate using Vibration Analysis", Recent Developments in Engineering Research, ENGGPOS 2015, Karpagam University, p.no. 66-73, Coimbatore, 12-13 March 2015.
13. Eric Tiong Kung Woo, **Paulraj M P**, Sazali Yacoob, "Image Discrimination of Human's Visual Perception for Thought Translational Device", Recent Developments in Engineering

- Research, ENGGPOS 2015, Karpagam University, p.no. 81-87, Coimbatore, 12-13 March 2015.
14. Tung Kai Xu, **Paulraj M P**, "Inter Trial Task Channel Correlation Coefficients for EEG Based Aggressive Level Measurement", Recent Developments in Engineering Research, ENGGPOS 2015, Karpagam University, p.no. 133-139, Coimbatore, 12-13 March 2015.
 15. Sathees Kumar Nataraj, **Paulraj M P**, Sazali Bin Yaacob, Abdul Hamid Adom, "Customized Classification System Using TEP Response and Bispectral Estimation to Command an Intelligent Robot Chair with Communication Aid Recent Developments in Engineering Research, ENGGPOS 2015, Karpagam University, p.no. 159-166, Coimbatore, 12-13 March 2015.
 16. Hema C R, Elakkiya and **Paulraj M P**, "Biometric Authentication System using EEG Brain signals", Recent Developments in Engineering Research, ENGGPOS 2015, Karpagam University, p.no. 193-199, Coimbatore, 12-13 March 2015.
 17. **Paulraj M P**, Kamalraj Subramaniam, Sazali Bin Yacob, Abdul Hamid Bin Adom, Hema C R, "EEG Based Hearing Perception Level Classification using Fractal Features", International IEEE Conference on Advanced Computing and Communicating Systems, 2014, Tamil Nadu, India. (to be published in IEEE Explorer).
 18. **Paulraj M P**, Kamalraj Subramaniam, Sazali Bin Yacob, Abdul Hamid Bin Adom, Hema C R, "Auditory Evoked Potential Based Detection of Hearing loss: A Prototype System" International IEEE Conference on Graduate Research Colloquium, 2014, Shah Alam, Malaysia. (to be published in IEEE Explorer)
 19. **Paulraj M P**, Sazali Yaacob, Abdul Hamid Bin Adom, Yogesh C, "Fractal Feature Based Detection of Muscular and Ocular Artifacts in EEG Signals", IEEE Conference on Biomedical Engineering and Sciences, Sarawak, Malaysia, December 2014.
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 21. Mohd Shuhanaz Zanar Azalan, **Paulraj M P**, Sazali bin Yaacob, "Statistical Parameters based EEG channel Reduction Method for Brain Machine Interface", IEEE Conference on Biomedical Engineering and Sciences, Sarawak, Malaysia, December 2014.
 22. Mohd Shuhanaz Zanar Azalan, **Paulraj M P**, Sazali bin Yaacob, "Classification of Hand Movement Imagery Tasks for Brain Machine Interface using Feed-Forward Network". The 2nd International Conference on Electronic Design ICED 2014, Penang Malaysia, August 2014. (to be published in IEEE Explorer)
 23. **Paulraj M P**, Abdul Hamid Adom, Sazali Bin Yaacob, Erdy Sulino Mohd Muslim Tan, Sathees Kumar Nataraj, EEG-Based Vocabulary Task Classification in Generalized and Customised Modes for Differentially Abled Communities, International Conference on Intelligent System and Control (ISCO'2013), 4-5 Jan 2013, Coimbatore, Tamilnadu, India. (IEEE Explorer)
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26. **Paulraj M P**, Abdul Hamid Bin Adom, Sazali Bin Yaacob, Hema C. R., Erdy Sulino Mohd Muslim Tan and Sathees Kumar Nataraj, "Classification of EEG Based Vocabulary Tasks using Power Spectral Density for Differentially Abled Communities", International Conference on Innovations in Communication, Information and Computing (ICICIC`13), January, 9-11, 2013 at Sasurie College of Engineering, India.
27. **Paulraj M P**, Sazali Yaacob, Mohd Shukry Abdul Majid, Nor Shaifudin and Pranesh Krishnan, "Damage Investigation of Steel Plates using Frame Energy Based Statistical Features", International Conference on Innovations in Communication, Information and Computing (ICICIC`13), January, 9-11, 2013 at Sasurie College of Engineering, India.
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32. Mohd Shuhanaz Zanar Azalan, **Paulraj M P**, Sazali bin Yaacob, "Hand Movement Motor Imagery Classification for a Non-Cue-Based BCI", International Conference on Intelligent System and Control (ISCO'2013), 4-5 Jan 2013, Coimbatore, Tamilnadu, India. (IEEE Explorer)
33. N. Abdul Rahim, **Paulraj M P**, A.H. Adom, "Heterogeneous Multi-Classifer for Moving Vehicle Noise Classification", International Conference on Intelligent System and Control (ISCO'2013), 4-5 Jan 2013, Coimbatore, Tamilnadu, India. (IEEE Explorer)
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