

**DETECTION AND CLASSIFICATION OF DISTURBANCES IN A  
HYBRID DISTRIBUTED SYSTEM USING WAVELET  
TRANSFORM AND ARTIFICIAL NEURAL NETWORKS**

**M.Tech**

**THESIS REPORT**

**2016**

*Submitted in the partial fulfilment of the requirement for the award of the Degree of  
Master of Technology in Electrical & Electronics Engineering (Power Systems) of the  
University of Calicut*

Done by

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2016

**CERTIFICATE**

Certified that this is a bonafide record of the Thesis Work titled

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**SLEEBA PAUL PUTHENPURAKEL**

*of fourth semester MTech in partial fulfilment of the requirement for the award of the Degree of  
Master of Technology in Electrical & Electronics Engineering (Power Systems) of the University  
of Calicut during the year 2016*

**Thesis Guide**

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**Head of the Department**

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## **DECLARATION**

I hereby declare that the submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledged has been made in the text.

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