

## *Intelligent Load Monitoring System of 11KV/440V Multi Distribution Transformers Using SCADA*

**S. SRI KRISHNA KUMAR**

Assistant Professor, Department of Electrical and  
Electronics Engineering  
Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala  
Engineering College,  
Chennai, India  
[krishnakumar.rvs@gmail.com](mailto:krishnakumar.rvs@gmail.com)

**R.BALADHANDAPANI**

Assistant Professor, Department of Electrical and  
Electronics Engineering  
P.S.N.A College of Engineering and Technology,  
Dindigul  
[balasree86@gmail.com](mailto:balasree86@gmail.com)

**G.SATHEESH KUMAR**

Assistant Professor, Department of Electrical and  
Electronics Engineering  
SSM Institute of Engineering and Technology,  
Dindigul  
[satheesh5361@gmail.com](mailto:satheesh5361@gmail.com)

**A.MOHAMMED OVAIZ**

Assistant Professor, Department of Electrical and  
Electronics Engineering  
Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala  
Engineering College,  
Chennai, India  
[ovaiz.ccc@gmail.com](mailto:ovaiz.ccc@gmail.com)

**K R SUGAVANAM**

Department of Electrical and Electronics Engineering  
Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College,  
[sugavanamkr@gmail.com](mailto:sugavanamkr@gmail.com)

### **Abstract**

*Transformer gets a vital role in transmission  
and distribution of electric power. Reducing the*

*failures ensures an increased chance of  
uninterrupted power to be supplied to consumers.  
Overload, Voltage fluctuations and heating up of  
transformers causes severe damages to the*