

## **Diagnostic methods for rehabilitation of corrosion damaged R.C. structure**

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### **Abstract:**

A systematic methodology for diagnosis of corrosion damaged R.C. structure is being presented in this paper. This methodology includes the investigation strategies and testing techniques required to be used in such a diagnostic procedure. The testing techniques are physical, chemical and electrochemical in nature. Further, the utility of the above testing techniques are being illustrated through citation of results of real life case studies. In addition, possible method of statistical analysis useful in diagnostic procedure is also being suggested at the end of the paper.