

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590018



A PROJECT REPORT ON

**“DISTRIBUTION SYSTEM IMPROVEMENT (CASE STUDY ON
HUKKERI SUB STATION)”**

*(SPONSERED BY **KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**
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IN

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Abstract

Our project is a case study of HRECS (Hukkeri rural electric co-operative society). The main objective of our project is to study about substation, transformer manufacturing, pole manufacturing and to make an attempt to solve the problems occurring in transmission and distribution system such as over loading of 'Distribution transformers', losses in transmission and distribution system, getting low voltage at end consumer who is far away from the distribution transformer, we then present our approach to an efficient and healthy power system. And also recommendations for manufacturing poles with less expenditure and to improve the transformer efficiency.