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PROJECT CONSULTANCY WORK

Title of the project work : Analysis of Structural Steel

Year of award : 2019-2020

Granting Agency : M/s Premier steel complex Pvt.Ltd.,

Total Grant Received : Rs 41,900

Project Duration : 6 Months

Principal Investigator : Dr. V R Arun Prakash.,
Associate Professor,
Department of Mechanical Engineering,
J.N.N Institute of Engineering,

Work Details : The novel silicon steel based materials are gaining enough importance because of their supreme properties such as low conductivity, less hysteresis and high resistance. However, the addition of marginal volume of zinc and mo may modifies the base properties and makes this material to be deployed in many engineering applications. The development of this new structural steel could be evaluated for its mechanical properties and microstructural behavior. Before and after heat treatment the properties could be check before implementing these materials for and level applications