

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI**



A Project Report On

**Remedial Measures for Casting Defects Using The  
Taguchi Orthogonal Array Approach**

Submitted by

|                 |            |
|-----------------|------------|
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In partial fulfillment of the requirement for the award of the  
Bachelor Degree

In  
Mechanical Engineering

Under the Guidance of  
Prof. Rayappa S Mahale  
Assistant Professor



**DEPARTMENT OF MECHANICAL ENGINEERING**  
Jain College of Engineering & Research Belagavi  
Udyambag, Belagavi – 590008.  
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# Jain College of Engineering & Research Belagavi

(Approved by AICTE, New Delhi, Affiliated to VTU Belagavi & Recognized by Govt. of  
Karnataka) Udyambag, Belagavi – 590008.



## CERTIFICATE

A Project Report On

This is to certify that the Project Report on “**Remedial Measures for Casting Defects using the Taguchi Orthogonal Array Approach**” is a bonafied work carried out by **Abhishek Jadhav (2JR20ME400), Sandip Jadhav (2JR20ME406) and Sourabh Pawar (2JR20ME408)** in partial fulfillment of VIII Semester, to award the Degree in Mechanical Engineering of the Visvesvaraya Technological University, It is certified that all corrections/suggestions indicated for Project have been incorporated in the Report. The Report has been approved as it satisfies all the academic requirements in respect of Project as prescribed for the Degree in Engineering.

Guide

Prof. Rayappa S. Mahale

HOD

Dr. Nandeesh M

Principal

Dr. S. V Gorabal

Name of External examiners

1. Dr. Nandeesh M
2. Dr. Suresh Mashyke

Signature with date