

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELGAVI-590018, KARNATAKA



Mini Project Report (18MEMP68) on

*"PROCESS PARAMETER OPTIMIZATION USING TAGUCHI METHOD FOR
PROPERTY ENHANCEMENT OF 3D PRINTED PLA PARTS."*

Submitted in partial fulfilment for the requirement of
the award of degree of

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

Submitted by:

SHARATH KUMAR R(USN:1SV20ME007)

VIVEKA E (USN:1SV20ME009)

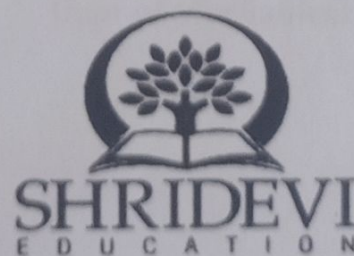
ASHOKA G P (USN:1SV21ME400)

UNDER THE GUIDANCE OF:

Mr. RAVIKUMAR KR

Asst. Professor

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DEPARTMENT OF MECHANICAL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Recognized by govt. of Karnataka, affiliated to VTU, Belagavi and approved by AICTE, New Delhi)

Sira Road, Tumkur-572106

2022-2023

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to Certify that the mini project work (18MEM68) entitled "PROCESS PARAMETER OPTIMIZATION USING TAGUCHI METHOD FOR PROPERTY ENHANCEMENT OF 3D PRINTED PLA PARTS" has been successfully carried out by SHARATH KUMAR R (USN:15V20ME007), VIVEKA E (USN: 15V20ME009), ASHOKA G P (USN:15V21ME400), a bonafide students of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY in partial fulfillment for the award of degree of Bachelor Of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2022-2023. It is certified that all corrections suggestions indicated for internal assessments have been incorporated in the report. The mini project report has been approved as it satisfies the academic requirement with respect to the mini project work prescribed for the said Bachelor of Engineering degree.

Signature of the guide

Mr. Ravikumar K R
Assistant professor
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Signature of the HOD

Mr. K P Chandraiah
HOD
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Signature of the principal

Dr. Narendra Viswanath
Principal
SIET

Name of examiners:

- 1 K.P. CHANDRAIAH
- 2 Ravi VS

Signature with date:

..... 17/07/2023
PRINCIPAL
SIET TUMKUR.