



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH
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000891

Provisional Degree Certificate

This is to certify that Mr./Ms. Yuvaraja Naik

is qualified for the award of the degree of

Doctor of Philosophy Faculty of Mechanical Engineering Sciences (w.e.f. 20.03.2018)

*of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**"Optimisation of Process Parameters on Friction Stir Welding [FSW] in AL-Si
Alloys through Experimental and Modeling Techniques."**

with University Seat No. 1KG11PMN03

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 27.03.2018



Binnig

Registrar (Evaluation)