

No. 2

TOKYO METROPOLITAN UNIVERSITY  
Japan

THIS IS TO CERTIFY THAT THE FOLLOWING DEGREE HAS  
BEEN CONFERRED UPON

**Malahalli Shankare Gowda Vijaya Kumar**

WITH THE FOLLOWING RECORD.

Date of Birth : June 22, 1978  
Nationality : India  
Major : Department of Aerospace Engineering  
Title Thesis : Formation and Characterization of Metastable Phases in the  
R-M-O (R=La to Lu and Y; M=Fe and Mn) System under  
Controlled Oxygen Partial Pressure using Containerless Technique  
Degree Awarded : Doctor of Philosophy  
Date of Entrance : April 01, 2006  
Date of Convocation : March 25, 2009

Official Seal:



Mitsuyuki Kawakami

Dean,

Graduate School of System Design,  
Tokyo Metropolitan University

Date : March 25, 2009

This is a certified transcript of the authentic degree certificate in Japanese

# 学位記

Malahalli Shankare Gowda VIJAYA KUMAR

昭和53年(1978年)6月22日生

本学大学院システムデザイン研究科システムデザイン専攻航空宇宙  
システム工学専修の博士後期課程において所定の単位を修得しかつ  
学位論文

題名

Formation and Characterization of Metastable Phases in the R-M-O (R=La to Lu and Y; M=Fe and Mn) System under Controlled Oxygen Partial Pressure using Containerless Technique (R-M-O (R:希土類元素; M:遷移金属元素)系における酸素分圧制御無容器処理法による準安定相の創成とその評価)

の審査及び最終試験に合格したので博士(工学)  
の学位を授与する

平成21年(2009年)3月25日

首都大学東京

