

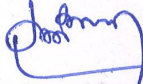


**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY, CHENNAI-600 025



**CERTIFICATE**

This is to certify that all corrections and suggestions pointed out by the Indian /Foreign Examiner(s) are incorporated in the Thesis titled " INFLUENCE OF SOLIDIFICATION CONDITIONS DURING GRAVITY DIE CASTING OF Al-Si ALLOYS ON MICROSTRUCTURE AND MECHANICAL PROPERTIES " submitted by Mr. MOHANDASS.M

  
Signature of the Supervisor  
**Dr. J. VENKATESAN, M.E, Ph.D.**  
Professor & Assistant Dean-Student's Welfare  
Department of Mechanical Engineering  
Sri Venkateswara College of Engineering  
Sriperumbudur-602117, Tamil Nadu, India

Place : SVCE

Date : 22/07/2016



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**Proceedings of the Ph.D. Viva-Voce Examination of Mr.MOHANDASS.M held at 8.30 AM on 22.07.2016 in Bio-Tech Conference Hall, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur (Tk)**

The Ph.D. Viva-Voce Examination of Mr.MOHANDASS.M (Reg. No. 2815299703) on his/her Ph.D. Thesis Entitled " INFLUENCE OF SOLIDIFICATION CONDITIONS DURING GRAVITY DIE CASTING OF Al-Si ALLOYS ON MICROSTRUCTURE AND MECHANICAL PROPERTIES " was conducted on **22.07.2016** at 8.30 AM in the Bio-Tech Conference Hall, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur (TK).


**The following Members of the Oral Examination Board were present:**

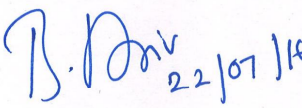
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|--|-----------------------|
| 1. Dr. K.B. Varma, Vice Chancellor, Sri Sathya Sai Institute of Higher Learning, Vidyagiri Prasanthi Nilayam, Anantapur Dt A.P. - 515 134  | Indian Examiner       |
| 2. Dr. B. Arivazhagan, Scientific Officer, Material Testing Division, Indra Gandhi Centre for Atomic Research (IGCAR), Kalpakkam - 603 102 | Subject Expert        |
| 3. Dr. Venkatesan. J., Professor, Department of Mechanical Engineering, Sri Venkateswara College of Engineering, others                    | Supervisor & Convenor |

The research scholar, Mr. MOHANDASS.M presented the salient features of his/her Ph.D. work. This was followed by questions from the board members. The questions raised by the Foreign and Indian Examiners were also put to the scholar. The scholar answered the questions to the full satisfaction of the board members.

The corrections suggested by the Indian/Foreign examiner have been carried out and incorporated in the Thesis before the Oral examination.

Based on the scholars research work, his/her presentation and also the clarifications and answers by the scholar to the questions, the board recommends that Mr.MOHANDASS.M be awarded Ph.D. degree in the **Faculty of Mechanical Engineering.**

  
 Indian Examiner 22/07/16  
 (Dr. K.B. VARMA)

  
 Subject Expert  
 (Dr. B. ARIVAZHAGAN)

  
 Supervisor & Convenor 22/07/2016  
**Dr. J. VENKATESAN, M.E, Ph.D.**  
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 Sriperumbudur-602117, Tamil Nadu, India

**ANNA UNIVERSITY**  
**CHENNAI 600 025**

**CERTIFICATE**

The research work embodied in the present Thesis entitled “**INFLUENCE OF SOLIDIFICATION CONDITIONS DURING GRAVITY DIE CASTING OF Al-Si ALLOYS ON MICROSTRUCTURE AND MECHANICAL PROPERTIES**” has been carried out in the Department of Mechanical Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur TK. The work reported herein is original and does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion or to any other scholar.

I understand the University's policy on plagiarism and declare that the thesis and publications are my own work, except where specifically acknowledged and has not been copied from other sources or been previously submitted for award or assessment.

**MOHANDASS M**  
RESEARCH SCHOLAR

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