

Bio-Data

Name: Ravishankar K.S.

Father's name: K. Shankaranarayana Bhat

Date of birth: 12-07-1971

Highest Qualification: PhD

Address for Communication: Department of Metallurgical & Materials Engg.
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Educational Qualification:

Qualification	School/College	Year of passing	Class Secured
SSLC	Vittal Junior College-D.K.	1989	First
PUC	Vittal Junior College-D.K.	1991	Distiction
B.E.(Mechanical)	MCE-Hassan	1996	First
M.Tech. (Materials Engg.)	NITK-Surathkal	2000	First
PhD	NITK-Surathkal	2007	---

Project work during M.Tech:

Tempcore treatment on plain carbon steels.

Research study:

Design and development of Austempered Ductile iron for high strength and fracture toughness.

Work Experience:

As a maintainace Engineer in TVS Suzukin Ltd, Hosur from Dec. 1996 to April 1998. As a senior Research Fellow and assistant lecturer in the Department of Metallurgical and Materials Engineering, NITK-Surathkal from Aug. 2000 to October 2008. Joined as a permanent faculty in the same Department in the year of Dec-2008.

Areas of Interest:

Composite materials, Phase transformation, Structure-Mechanical property relationship in materials, surface Engineering.

Project Guidance :

M.Tech : 10

PhD Project:

Guiding 4 still in progress.

List of Publications :

1. Improvement in Fracture toughness of Austempered Ductile Iron by two step Austempering process. International Journal of Cast metal Research, 2010 vol 23, No.26
2. "Influence of austenitising temperature on the formation of strain induced martensite on austempered ductile iron", J.Materials Science, vol.43, 2008, pn: 4929-4937.
3. "Surface Modification of Compositionally Modulated Multilayered Zn-Fe Alloy Coatings", Chinese Journal of Chemistry, vol.26, 2008, pn:2285-2291.
4. "Austempered ductile iron for high strength and high fracture toughness", "International Foundry Research, vol.60(3), 2008, pn:26-32.
5. "Mechanical Properties of Fly Ash Reinforced Al6061 alloy composites", "International Journal of Mechanical and Materials Engineering", Vol.6, (2011) No.1, pn:41-45.
6. "Surface Modification by Compositionally Modulated Multilayered Zn-Fe Alloy Coatings", "Chinese Journal of Chemistry", 2008, Vol.26, pn:2285-2291.
7. "Recycling of Cr-Co alloy for Dental applications", "International Journal of Health and Rehabilitation Sciences", Vol. 2 (3), 2013, pn: 140-145.
8. "Journal of evolution of medical and dental sciences", Vol.2 (32), 2013, pn:5971-5979.

Award:

Best technical paper award for the paper "Austempered ductile iron for high strength and high fracture toughness", "International Foundry Research" during Feb-2010.

Conferences attended:

1. "Recent Developments in Advanced Materials", 16th – 21st June 2008 at NITK-Surathkal.
2. "Emerging Areas of Technology in Smart materials and Manufacturing", 30th June – 5th July 2008 at NITK-Surathkal.

Training Programmes Conducted:

1. Short term training programme on “Advances in Non Destructive Testing and Evaluation” 14th Feb-20th Feb. 2008.
2. Sort term training programme on “Heat treatment- theory and Practice, 21st July- 28th July- 2009.