

Curriculum Vitae

The author, Amitesh Kumar, did his Bachelor of Technology in Metallurgical Engineering from VNIT, Nagpur. He did his Master of Technology in Foundry – Forge Technology from NIFFT, Ranchi. He served in different positions in different organizations like Calcutta Ferrous Limited, Kolkata, C.M.E.R.I., Durgapur. At present he is working as an Asst. Prof. in Foundry Technology Department at NIFFT, Ranchi. His areas of research interests are Solidification and Heat transfer modeling. A part of his research work has been published in various International Journals and conference proceedings. The details of his publications are given below.

Publications

Kumar A., Ghosh S., Dhindaw B.K.(2007), Simulation of cooling rate of alloy drops during spray casting, Trans. Indian Inst. Met., vol. 60, No. 2-3, pp. 185-190

Kumar A., Ghosh S., Dhindaw B.K. (2010), Simulation of cooling of liquid Al-33wt%Cu droplet impinging on a metallic substrate and its experimental validation, Acta Materialia, Vol. 58, pp. 122-133.

Kumar A., Ghosh S., Dhindaw B.K., Simulation of cooling of double layered splat and its experimental validation using Jackson-Hunt Theory, Metallurgical Transaction B. (Under Review).

Kumar A., Ghosh S., Dhindaw B.K., A two dimensional model of droplet impact and solidification, presented in International symposium NMD – ATM 2009 in Kolkata.

Kumar A., Ghosh S., Dhindaw B.K., Deposition of atomized droplet over stainless steel substrate, presented in International Symposium NMD-ATM 2008 in New Delhi.