Brief Resume

Name: Binod Kumar

Date of Birth: 01/01/1960

Address (O): MME Department, NIFFT, Ranchi

Address (P): B-203, Vasundhara Orchid Apartment

Kachnar Toli, Hatia, Ranchi

Contact: Mob.- +91-9934419234

Email- binodk.nifft@gmail.com

bkumar.nifft@gov.in

Academic Qualifications:

1.	B. Sc. Engg. (Metallurgical Engineering)	BIT, Sindri	1984
2.	M. Tech. (Metallurgical Engineering)	IIT, Kanpur	1987
3.	Ph. D.	IIT, Kharagpur	1996

Professional Experience:

1.	Paliwal Mini Steel Ltd. Alwar	Metallurgist	May,1987- Nov, 1987
2.	IIT, Kanpur	Research Engineer	Nov, 1987- June, 1988
3.	REC, Srinagar	Lecturer	July, 1988
		Sr. Lecturer	July, 1994
		Asst. Professor	July, 1999-April, 2007
4.	NIFFT, Ranchi	Professor	04/05/2007 -Till Date

Ph. D Thesis Guided

1. Synthesis and Characterization of Cu- based composites (Awarded).
2. Characterization of dissimilar weld joints of AISI 430 and AISI 304L steels (Ongoing)

Publications (2018- Till Date)

1. Nidhi Khobragade, Binod Kumar, Supriya Bera, Debdas Roy "Microstructural and Mechanical properties of Copper- Graphene nano composites via high pressure torsion" Journal of Alloys and compounds 776 (2019), 123-132.
2. Nidhi Khobragade, Koushik Sikdar, Binod Kumar and Debdas Roy "Effect of annealing on Microstructure, Grain Growth and Hardness of nano crystalline Cu- Zr alloy prepared by cryogenic ball milling" Journal of Materials Science Research 7(3), 2018, 69-77.

Publications (2014- 17)

1. Nidhi Khobragade, Binod Kumar, Supriya Bera, Debdas Roy "Studies on graphene reinforced Cu base composites prepared by two step thermal processing method" Materials Today: Proceedings 4 (2017) 8045–8051
2. Jince P Mathew, Binod Kumar, A. K. Pathak, Razaullah Khan, Study of Corrosion Behaviour of TIG and MIG Welded joints of Ferritic Stainless Steel (FSS) (Aisi-430) in different environments, International Journal of Innovative Research in Science, Engineering and Technology 6, 3 (2017) 3270-3285.
3. Ajay Kumar, Bhawna Khalkho, P. Saravanan, S. Srikanth, B. Kumar "Corrosion behaviour of high nitrogen high manganese stainless steel", Eighteenth National Congress on Corrosion Control, 24-26 February, Chennai, 2016.
4. Ajay Kumar Pathak, Binod Kumar, Ashish Kumar Shukla, Razaullah Khan "Study of corrosion behaviour of Ferritic stainless steel welded joint", International Journal of Engineering and Management Research 5, 6 (2015) 289-293
5. Pramod Kumar, V.C. Srivastava, Binod Kumar, G.K. Mandal "Effect of thermal and thermomechanical processing parameters on the microstructure and properties of the API Steel", International Journal of Innovative Research in Science Engineering and Technology 3, 8 (2014) 15769-15776

Publications: Up to 2012

1. S. R. Kumar, Binod Kumar, "Electrodeposition of CdSe Nanocrystalline Thin Film using Nonaqueous Method" International Journal of Nanotechnology and Applications 6, 3 (2012) 258-263
2. Sweta Mishra, P. Saravanan, S. Srikanth, K. Ravi, G. Sahoo, B. Kumar, "Characterization of hydrogen sulphide resistance of indigenously produced API 5LX line pipe steels in sour gas media" published in proceedings of International conference on "Advances in Analytical techniques and characterization of materials" held at RDCIS Ranchi on 5-7th July, 2011.
3. B. Kumar and M.M Godkhindi "Production of alpha silicon nitride and silicon oxynitride from rice husks" Proceedings of the international conference and exhibition on powder metallurgy for automotive components- P/M 97and 23rd ATM of PMAI, Ed. P. Ramakrishna, held in New Delhi,10-12 Feb, 1997.
4. B. Kumar, M. M. Godkhindi, "Production of composite powders from rice husk precursors", Progress in Thermal Treatment of Materials, Ed P. Ramakrishna, 27-39, 1996
5. B. Kumar, M. M. Godkhindi, "Studies on the formation of SiC, Si_3N_4 and Si_2N_2O during pyrolysis of rice husk" Journal of Material Science letters, 15 (1996) 403-405
6. S. P. Mehrotra, Binod Kumar "Reduction of iron ore in a fluidized bed reactor part II: Reduction of iron ore with charcoal and methane in a fluidized bed reactor" Trans. Indian Inst. Met.44, 1 (1991) 101-110