

CURRICULAM VITAE

Dr. Sandip Ghosh Chowdhury

Director

CSIR National Metallurgical Laboratory Jamshedpur, 831007

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Educational Qualification: B.E. (Materials & Metall Engg), M. Tech, Ph.D

Professional Experience:

CSIR NML:

15.03.2024 – till date **Director**, CSIR National Metallurgical Laboratory, Jamshedpur, India.

Jan 2015 – 14.03.2024 **Chief Scientist**, CSIR National Metallurgical Laboratory, Jamshedpur, India.

Jan 2009 – Dec 2014 **Senior Principal Scientist**, CSIR National Metallurgical Laboratory, Jamshedpur, India.

2005 – 2008 **Principal Scientist (Scientist E-II)** at National Metallurgical Laboratory, Jamshedpur, India

2001 – 2004 **Senior Scientist (Scientist E-I)** at National Metallurgical Laboratory, Jamshedpur, India

1996 – 2000 **Scientist C** at CSIR-National Metallurgical Laboratory, Jamshedpur India

Academy of Scientific and Innovative Research (AcSIR):

Professor, Academy of Scientific & Innovative Research (AcSIR)

Short term Assignments:

Aug – Sept 2019 Visiting Professor, Institute of Iron and Steel Technology, TU Freiberg, Freiberg, Germany

June – July 2016 *Visiting Professor*, Institute of Welding and Materials Science, TU Graz, Austria

Aug-Sept 2011 *Visiting Professor*, Institute for Physical Metallurgy (IMM), University of Aachen, Aachen, Germany

June-July 2010 *Visiting Professor*, Institute for Ferrous Metallurgy (IEHK), University of Aachen, Aachen, Germany

Sept, 2009 *Re-invitation fellowship* AvH Foundation, Institute for Ferrous Metallurgy, University of Aachen, Aachen, Germany

July-Sept'06 *Visiting Researcher*, Dept of Materials Sci. & Engg., Kyushu University, Fukuoka, Japan

Jan'01 – Aug'02 **Alexander von Humboldt Fellow** at Institut für Metallkunde und Metallphysik, University of Aachen, Aachen, Germany

Awards/Recognitions:

Sectional Committee Member	Indian National Academy of Engineering
Dr. A K Seal Memorial Lecture	2023, The Indian Institute of Metals
Fellowship	2022, Indian National Academy Engineering (INAE)
Vertical Coordinator, Materials and Processing Technologies	VAIBHAV Summit 2020
Editor	Trans Indian Institute of Metals
Metallurgist of the Year 2015	Min. of Steel, Govt. of India, The Indian Institute of Metals
Young Engineer's Award	2000, Indian National Academy of Engineering
Alexander von Humboldt fellowship	2000, Alexander von Humboldt Foundation Germany
B. R. Nijhawan Award	2000, 2009, 2012, 2016, 2020, 2021, 2022, 2023 Best Technical Paper award for the year by NML, India
Prof. S.Banerjee Award	2011 Best In-House Project award at NML

Research Interest: *Alloy Development, Phase Transformations, Thermomechanical Processing, Crystallographic texture development*

Ph.D Guidance: 7 (*completed*); 3 (*on-going*)

Publications:

Books: 2; Journals: 125+; Patents: 20 (10 granted)