



PRESENTS

ONE DAY COAL COURSE

**JOURNEY OF A COAL FROM A COAL SEAM
TO
THE HEARTH OF A BLAST FURNACE**

By Dr. Hardarshan Singh Valia



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Brief Biography of Dr. Hardarshan Singh Valia:

Education:

Ph.D.-Boston University; M.A. Bryn Mawr College; M.Sc.(Tech.) Nagpur University.

Work Exp:

22 Years at formerly Inland Steel (later Arcelor Mittal), Last Position-Staff Scientist; Now Independent. Consultant.

Awards and Honors:

Iron & Steel Society's Joseph Becker Award, 1999 ("Distinguished Contributions in the Field of Coal Carbonization and Coal Technology.")

American Iron & Steel Institute (AISI) President Medal, 1989, ("Outstanding Paper Published in 1988-1989.")

AIST Joseph Kapitan Award, 2006, (Best Paper in Coke making for the Year 2006)

2003 Eminent Visitor –CCSD/CSIRO, Australia – Organized and sponsored by CCSD/CSIRO

Publications:

96 articles and /presentations; Indiana Geological Survey Special Report No. 64 on "Indiana Coals and the Steel Industry;" chapters in "Making Shaping & Treating of Steel," "New Trends in Coal Conversion," "Keystone Coal Manual," "Kirk-Othmer Encyclopedia of Chemical Technology," Two papers in a book entitled - "Coke Reactivity and It's Effect on Blast Furnace Operation."

Contributor to American Iron and Steel Institute's web site www.steel.org under Learning Center,How Steel is Made.

Patents:

Two Patents - one about stamp charging; second about Multipurpose Coke Plant

Misc.:

Chaired several National and International technical sessions; participated in several technical committees; taught several short courses at McMaster University, at Argentina Institute of Iron making; at Intertech World Met Coke Summit, and at Iron & Steel Society-Continuing Education Program – topics ranging from Coke Production to theories of Coal blending.