
Bhakta B. Rath, Ph.D.



Associate Director of Research Naval Research Laboratory

Dr. Rath is the Associate Director of Research, the scientist responsible for program planning, coordination, supervision & control of research & development in the Materials Science & Component Technology Directorate conducted by a staff in excess of 700. Which includes full time personnel, on-site contractors, post-doctoral fellows, students & visiting professors?

Dr. Rath became a member of the Senior Executive Service in July, 1989. He has a total of 36 years of civilian service.

Dr. Rath graduated from Utkal University in 1955 with a bachelor's degree in physics and mathematics. He received a master's degree in metallurgical engineering from Michigan Technological University in 1958. Dr. Rath's doctorate in metallurgy was awarded by the Illinois Institute of Technology in 1961.

Dr. Rath has received the following honors and awards: Fellow of the American Association for the Advancement of Science 2011; Michigan Technological University Alumni Association, Distinguished Alumni Award; Padma Bhushan Award from the government of India, 2009; membership in the National Academy of Engineering. 2008: Illinois Institute of Technology MMAE Dep't. Distinguished Alumni Award, 2008; Acta Materialia J. Herbert Hollomon Award, 2008; Michigan Technological University Honorary Doctorate of Engineering. 2007; Membership in the Philosophical Society of Washington, 2006; DoD Distinguished Civilian Service Award, 2006; Presidential Rank Distinguished Executive Service Award, 2005; Office of Naval Research Fred Saalfeld Award for Outstanding Lifetime Achievement in Science, 2005; Meritorious Executive of the Senior Executive Service (Presidential Rank Award), 2004; Naval Research Laboratory Lifetime Achievement Award, 2004; The Technical Cooperation Program award, 2001; THERMEC 2000 Award, 2000; Meritorious Executive of the Senior Executive Service (Presidential Rank Award), 1999; Academy of Metallurgical & Materials Engineers (Michigan Tech. Univ.), 1998; S. Chandrasekhar Award and Medal, 1998; Chief of Naval Research Award of Merit for the Seawolf Program, 1996; Distinguished Oriya Award for Outstanding Contributions to Research, 1996; Alan Berman Best Paper Award, 1990; Exemplary Leadership Award, Federal Asian Pacific American Council, U.S. Congress, 1987; Alan Berman Best Paper Award, 1987; Gold Medal in 2004; American Society for applying science to materials for Materials; Fellow, 2002, Inst. Of Materials (UK); Symposium honoring Dr. Rath's research contributions, 2002, The Materials Soc. Science & technology of interfaces; Distinguished Life Member, 2001, American Society Exceptional, leadership & contributions for Materials; Distinguished Lecture And Award, 2001, The Materials Soc. & American Society for Materials, Outstanding

contributions; National Materials Advancement Award, 2001, Federation of Materials Societies, Policy leadership; Leadership Award, 1996, The Materials Society, outstanding leadership in Mat. Science.; Fellow, 1995, Indian National Academy of Eng., outstanding contributions to Materials Science & Engineering; Fellow, 1992, The Materials Society, for attainment of highest professional distinction, George Kimball Burgess Memorial Award, 1991, American Society for Materials; Charles Barrett Award, 1991; American Society for Materials; Honorary Fellow, 1990, Material. Society of India, outstanding contributions in Material Science; Fellow 1984 Wash. Academy of Science, outstanding contributions to Phy. Sci; and Fellow 1982; American Society for Materials, leading National Leader in Metals R&D.

Dr. Rath was also the President, American Society for Materials (ASM International) from 2004 to 2005.

Dr. Rath's professional memberships include: American Society for Materials and The Minerals, Metals & Materials Society, the American Association for the Advancement of Science and the National Academy of Engineering.