1. Record Nr. UNINA9910254590103321 Autore Naik Pramod V Titolo Meghnad Saha: His Life in Science and Politics / / by Pramod V. Naik Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2017 3-319-62102-5 **ISBN** Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XV, 211 p. 25 illus., 4 illus. in color.) Collana Springer Biographies, , 2365-0621 Disciplina 530.01 Soggetti Physics—Philosophy **Astrophysics** Science—History Thermodynamics Asia—Politics and government Philosophical Foundations of Physics and Astronomy History of Science **Asian Politics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Introduction -- Science in India: Ancient and Modern -- It Was the Nota di contenuto Nineteenth Century -- Early Years -- Understanding the Atom -- Saha the Physicist -- Saha's Ionization Formula -- Saha at Allahabad --Again in Calcutta -- Saha Institute of Nuclear Physics -- National Problems and Social Concern -- Saha and Bhabha -- Saha in Parliament -- Sudden End -- Saha and a Symbol of Excellence -- Epilogue --References -- Appendices. Sommario/riassunto This biography is a short yet comprehensive overview of the life of Meghnad Saha, the mastermind behind the frequently used Saha equations and a strong contributor to the foundation of science in India. The author explores the lesser known details behind the man who played a major role in building scientific institutions in India, developed the breakthrough theory of thermal ionization, and whose fervor about India's rapid progress in science and technology, along with concern for uplifting his countrymen and optimizing resources, led

him to eventually enter politics and identify the mismanagement of

many programs of national importance to Parliament. This book is free of most academic technicalities, so that the reader with general scientific knowledge can read and understand it easily. One interested only in Saha's contribution to physics can pick up just that part and read it. Conversely, the average reader may skip the technical chapters, and read the book without loss of continuity or generality to still get a coherent picture. This work touches on all aspects of Saha's multidimensional personality, which overflows in the pages of his periodical, Science and Culture, as well as his many speeches, debates and discussions in Parliament, all of which is appropriately conveyed in this book.