

**A Basic Handbook of Science, Technology and Innovation  
for Inclusive Development  
[Volume: 1]**



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**A Basic Handbook of Science, Technology and Innovation for Inclusive Development**

**Editors:** Dr. Suman Adhikari, Dr. Manik Bhattacharya and Dr. Ankan Sinha

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**Dr. Suman Adhikari,  
Dr. Manik Bhattacharya  
and  
Dr. Ankan Sinha**



"A Basic Handbook of Science, Technology, and Innovation for Inclusive Development" is aimed at a broad audience committed to advancing equitable and sustainable development outcomes through the transformative power of science, technology, and innovation, as well as serving as a knowledge beacon in the ever-changing global development landscape. These landmark studies, written by well-known scholars and researchers, delve extensively into the complex interplay of science, technology, and innovation, highlighting their critical role in supporting equitable growth and sustainable development. At its core, the book tries to untangle the complexity of incorporating science and technology into development goals, with a particular emphasis on ensuring that the benefits are dispersed equally throughout society. Drawing on a rich tapestry of theoretical frameworks, empirical research, and real-world case studies, it presents a comprehensive view of how technological breakthroughs can be utilized to uplift marginalized populations, bridge socioeconomic disparities, and promote social inclusion. The handbook provides a comprehensive roadmap for policymakers, practitioners, and scholars, covering everything from the transformative potential of emerging technologies like artificial intelligence and biotechnology to the importance of multi-stakeholder collaboration and policy coherence. The book, with its clear explanations and actionable insights, not only serves as a valuable resource for understanding the dynamics of inclusive development but also inspires a collective vision for harnessing the power of science, technology, and innovation to create a more equitable and sustainable future for all. An honest attempt has been made through this book to provide quality, user-friendly information to the subject concerns. We would also like to request that our readers provide us with helpful recommendations and comments to help us enhance this work. Such valuable recommendations and themes will be incorporated into our upcoming edition.

*Dr. Suman Adhikari,  
Dr. Manik Bhattacharya  
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