

# New Book Alerts

What's New at the Library



Compiled By:

Kumar Sanjay, CLDO

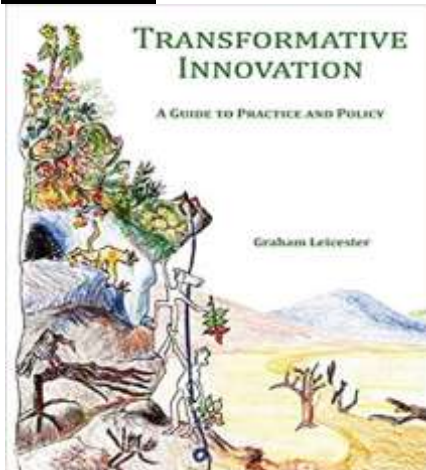
Varsha Satija, LIA

NITI AAYOG  
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## *NEW BOOKS ADDED IN THE LIBRARY*

### **1. Transformative Innovation: A Guide to Practice and Policy / Graham Leicester**



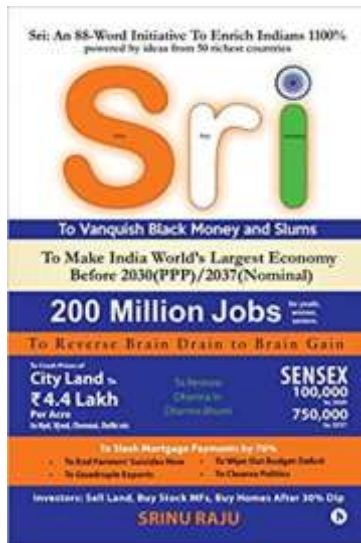
Innovation is a necessity in a changing world. But what kind of innovation? 'Sustaining innovation' props up and temporarily fixes structures and processes that are failing-but does little for the longer term. 'Disruptive innovation' shakes things up in a way that can be welcome in the commercial sector, but is seldom wanted elsewhere. Typically, disruptive initiatives offer only short term impact or are eventually 'mainstreamed' to help sustain existing systems. That is particularly true in the public, social, cultural and civic sectors where no natural patterns of renewal are in place. Only 'transformative innovation' can deliver a fundamental shift towards new patterns of viability in tune with our aspirations for the future. This pocketbook offers a first stand-alone practical guide to how to realize transformative potential at scale. It offers six elements for policymakers, funders and innovators: Knowing: how to expand our sense of what constitutes valid knowledge to become more comfortable with complexity; Imagining: how to conceive, develop and design transformative initiatives to carry a group's longer term aspirations; Being: how to organize for action, manage the process, and sustain the people involved over time; Doing: how to introduce the new in the presence of the old, enroll others and figure out what to do when you don't know what to do; Enabling: how to construct a policy framework for long term transition and provide smart financing to match; Supporting: how to develop systems and structures to support a culture of renewal in our public, social and civic systems. It concludes with an invitation to join a growing community of transformative innovators around the world - a network of hope in powerful times.

**Pub: Triarchy Press**

**Call No:658.5 L527T**

**Accession No:155993**

## 2. Sri: An 88-Word Initiative to Enrich Indians / Srinu Raju



Singapore has a 2000% higher population density than India, but is yet slum-free. At the same time, India is full of slums. Why? Why do the Chinese pay 4.9% for 30-year fixed mortgage rates and Indians pay 10%? China has 800 million jobs and India has 520 million. Our populations are identical. Why is India lacking 280 million jobs? India's target for job creation is an abysmal 10 million. India created near zero jobs in 3 years. Why is India lagging so pathetically? In peak years, China grew at 13% while India perennially struggles to grow at 8%. Why? China exports \$2100 billion vs India's \$260 billion – and shamefully, India's exports have not grown at all in 7 years. Why?

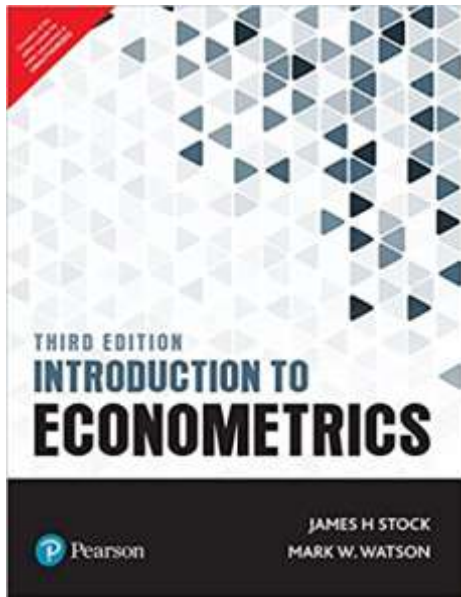
Despite these facts, the author asserts with irrepressible optimism that it is India's manifest destiny to be the world's largest economy. He offers solutions to script a new future for India — to make India 1100% richer in 20 years. Modi is a great blessing to India. He works hard. Instead he should work smart using ideas from 50 richest countries suggested in the book.

**Pub: Notion Press**

**Call No: 338.954 R161S**

**Accession No:155993**

3. **Introduction to Econometrics / H Stock James & W. Watson Mark**



Introduction to econometrics is designed for a first course in undergraduate econometrics. It differs from other textbooks in three main ways. First, it integrates real-world questions and data into the development of the theory. Second, choice of topics reflects modern theory and practice. Third, theory and assumptions that are provided match the applications. Aim of this text is to teach students to become sophisticated consumers of econometrics and to do so at a level of mathematics appropriate for an introductory course.

**Pub: Pearson**

**Call No: 330.015195 S864I**

**Accession No:155999**

4. **The Blue Economy Handbook of the Indian Ocean Region/, V.N. Attri & Narnia Bohler-Mulleris**



As humanity enters the Anthropocene epoch the oceans are more at risk than ever before as a result of the increased exploitation of its resources. The Indian Ocean is the third largest ocean in the world comprising 20% of the water on the Earth's surface. The sea lanes in the Indian Ocean are among the busiest in the world with more than 80 percent of global seaborne trade in oil transiting through the Indian Ocean and its vital chokepoints and an estimated 40% of the world's offshore oil production comes from the Indian Ocean. The importance of this region cannot be underestimated and there is no doubt that there are many opportunities for economic growth and job creation presented by the waters washing the shores of the Indian Ocean Rim. In order to ensure a desirable future for humanity it is necessary to make use of the ocean's resources in a sustainable and responsible manner. Climate change is affecting the Indian Ocean negatively, placing a strain on the ability to ensure food security and damaging the economies of small island states that depend on fisheries and aquaculture for their livelihoods. Increasing ocean temperatures and ocean acidification are taking a toll on ecosystems.

This book is the first of its kind, providing fresh insights into the various aspects and impacts of the Blue Economy in the Indian Ocean Region: from shifting paradigms, to an accounting framework, gender dynamics, the law of the sea and renewable energy, this handbook aims at increasing awareness of the Blue Economy in the Indian Ocean Region and to provide evidence to policy-makers in the region to make informed decisions. The contributions are from a mixture of disciplines by scholars and experts from seven countries

**Pub: Africa Institute of South Africa**

**Call No: 330.954 A885B**

**Accession No:156000**

5. **हवेली के अन्दर / रमा मेहता**



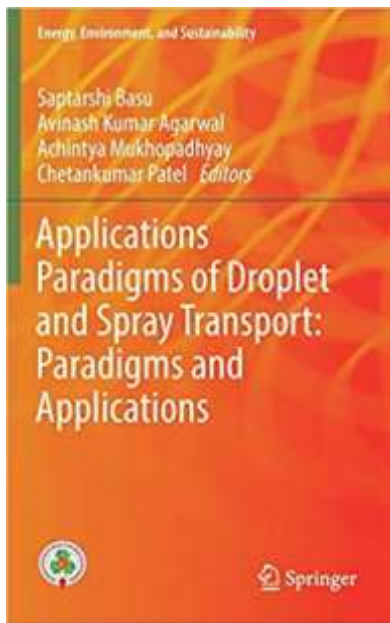
‘इन्साइड द हवेली’ को भारतीय अंग्रेज़ी साहित्य में वर्ष 1979 का साहित्य अकादेमी पुरस्कार प्राप्त हुआ। ‘हवेली के अन्दर’ पुरस्कृत उपन्यास इन्साइड द हवेली का हिन्दी अनुवाद है। इसमें उदयपुर स्थित सज्जनगढ़ रियासत की सुप्रसिद्ध हवेली की अन्तरंग गाथा को बहुत ही प्रामाणिक ढंग से अंकित किया गया है। इसमें चार-चार पीढ़ियों के दुख-दर्द, हर्ष-विषाद तथा सामंतवादी रूढ़ियों एवं प्रगतिशील मूल्यों के टकराव और अन्तर्द्वन्द्व को बड़ी कुशलता से उकेरा गया है।

**Pub: Sahitya Akademi**

**Call No: 891.433 M498H**

**Accession No:155991**

6. **Droplet and Spray Transport: Paradigms and Applications/ Saptarshi Basu, Avinash Kumar Agarwal, Achintya Mukhopadhyay , Chetan Patel**



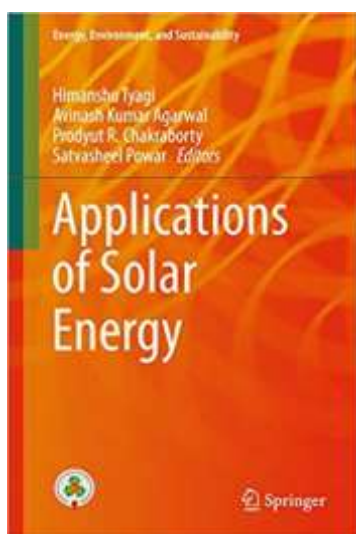
This book focuses on droplets and sprays and their applications. It discusses how droplet level transport is central to a multitude of applications and how droplet level manipulation and control can enhance the efficiency and design of multiphase systems. Droplets and sprays are ubiquitous in a variety of multiphase and multiscale applications in surface patterning, oil recovery, combustion, atomization, spray drying, thermal barrier coating, renewable energy, and electronic cooling, to name but a few. This book provides two levels of details pertaining to such applications. Each chapter delves into a specific application and provides not only an overview but also detailed physical insights into the application mechanism from the point of view of droplets and sprays. All chapters provide a mix of cutting-edge applications, new diagnostic techniques and modern computational methodologies, as well as the fundamental physical mechanism involved in each application. Taken together, the chapters provide a translational perspective on these applications, from basic transport processes to optimization, and from design to implementation using droplets or sprays as fundamental building blocks. Given its breadth of coverage, the book will be of interest to students, researchers, and industry professionals alike.

**Pub: Springer**

**Call No: 530.427 B327A**

**Accession No:C-19655**

7. **Applications of Solar Energy/ Himanshu Tyagi, Avinash Kumar Agarwal, Prodyut R. Chakraborty , Satvasheel Powar**



This book focuses on solar-energy-based renewable energy systems and discusses the generation of electric power using solar photovoltaics, as well as some new techniques, such as solar towers, for both residential and commercial needs. Such systems have played an important role in the move towards low-emission and sustainable energy sources. The book covers a variety of applications, such as solar water heaters, solar air heaters, solar drying, nanoparticle-based direct absorption solar systems, solar volumetric receivers, solar-based cooling systems, solar-based food processing and cooking, efficient buildings using solar energy, and energy storage for solar thermal systems. Given its breadth of coverage, the book offers a valuable resource for researchers, students, and professionals alike.

**Pub: Springer**

**Call No: 363.7392 T977A**

**Accession No:C-19654**



8. **Air Pollution and Control/ Nikhil Sharma , Avinash Kumar Agarwal , Peter Eastwood , Tarun Gupta , Akhilendra P Singh**



This book focuses on various aspects related to air pollution, including major sources of air pollution, measurement techniques, modeling studies and solution approaches to control. The book also presents case studies on measuring air pollution in major urban areas, such as Delhi, India. The book examines vehicles as a source of air pollution and addresses the quantitative analysis of engine exhaust emissions. Subsequent chapters discuss particulate matter from engines and coal-fired power plants as a major pollutant, as well as emission control techniques using various after treatment systems. The book's final chapter considers future perspectives and a way forward for sustainable development. It also discusses several emission control techniques that will gain relevance in the future, when stricter emission norms will be enforced for international combustion (IC) engines as well as power plants. Given its breadth of coverage, the book will benefit a wide variety of readers, including researchers, professionals, and policymakers.

**Pub: Springer**

**Call No: 363.7392 S531A**

**Accession No:C-19654**