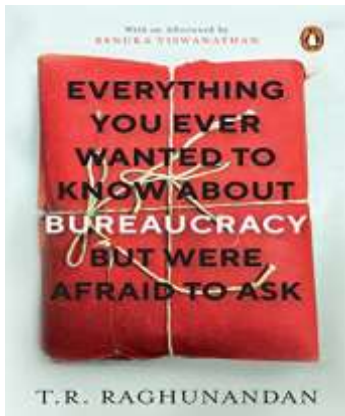Compiled By:

Kumar Sanjay, Director (Library)

Varsha Satija, LIA

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NEW BOOKS ADDED IN THE LIBRARY

1. **Everything You Ever Wanted to Know about Bureaucracy but Were Afraid to Ask/ T.R Raghunandan**

Whatever its faults, the Indian bureaucracy cannot be accused of bias when it comes to confounding those who have to deal with it. Veteran insiders who return to it with their petitions after retirement are as clueless about how it functions as freshly minted supplicants. Outsiders in any case have little knowledge of who is responsible for what and why or how to navigate that critical proposal through the treacherous shoals of the secretariat.

At the top of the heap is the fast-tracked elite civil servant, who belongs to a group of generalist and specialized services selected through a competitive examination. The aura of the Indian Administrative Service has remained intact over the years.

Lack of awe, bordering on civilized disrespect, is a most effective learning tool. In this humorous, practical book, T.R. Raghunandan aims to deconstruct the structure of the bureaucracy and how it functions, for the understanding of the common person and replaces the anxiety that people feel when they step into a government office with a healthy dollop of irreverence.
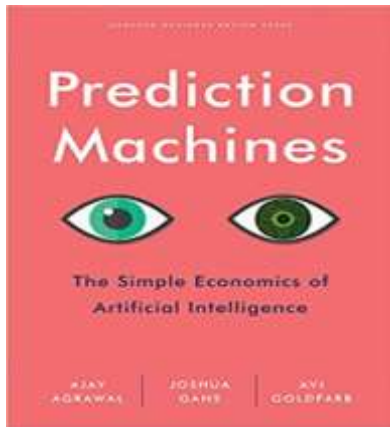
Publisher: Penguin Random House

Call No: 352.63 R142E   **Accession No: 157033**

2. **Prediction Machines: The Simple Economics of Artificial Intelligence / Ajay Agrawal**

"What does AI mean for your business? Read this book to find out." -- Hal Varian, Chief Economist, Google

Artificial intelligence does the seemingly impossible, magically bringing machines to life--driving cars, trading stocks, and teaching children. But facing the sea change that AI will bring can be paralyzing. How should companies set strategies, governments design policies, and people plan their lives for a world so different from what we know? In the face of such uncertainty, many analysts either cower in fear or predict an impossibly sunny future.

But in *Prediction Machines*, three eminent economists recast the rise of AI as a drop in the cost of prediction. With this single, masterful stroke, they lift the curtain on the AI-is-magic hype and show how basic tools from economics provide clarity about the AI revolution and a basis for action by CEOs, managers, policy makers, investors, and entrepreneurs.

When AI is framed as cheap prediction, its extraordinary potential becomes clear:

- Prediction is at the heart of making decisions under uncertainty. Our businesses and personal lives are riddled with such decisions.
- Prediction tools increase productivity--operating machines, handling documents, communicating with customers.
- Uncertainty constrains strategy. Better prediction creates opportunities for new business structures and strategies to compete.

Penetrating, fun, and always insightful and practical, *Prediction Machines* follows its inescapable logic to explain how to navigate the changes on the horizon. The impact of AI will be profound, but the economic framework for understanding it is surprisingly simple.
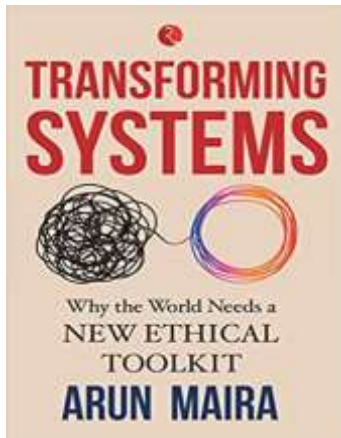
Publisher: Harvard Business Review Press

Call No: 658.0563 A25P   **Accession No: 157057**

3. **Transforming Systems; Why the World Needs a New Ethical Toolkit/ Arun Maira**
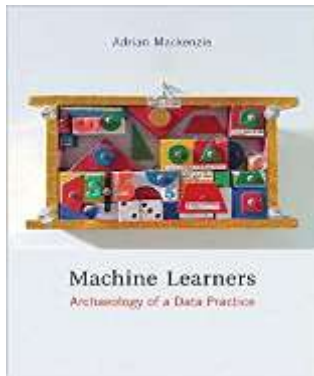

By the turn of the millennium, the dominant idea was that not only should the business of business be only business, but countries, governments and civil society organizations should also be run on principles of business. Soon, the realization that, while economies had been growing, systemic problems of social inequality and environmental unsustainability were becoming intolerable, led to the Sustainable Development Goals, which all countries signed up to achieve. A new toolkit is required to attain these goals that go beyond the precepts of good business management and prevalent best practices in government as well as civil society organizations. In Transforming Systems, Arun Maira stresses that a new toolkit has to be founded on disciplines of systems thinking, ethical reasoning and deep listening. It should focus more on concepts of governance of networks, rather than the management of organizations. Diverse points of view must be heard and valued, not smothered beneath technology-driven quantitative data analysis. Maira brings the wealth of his knowledge and experience to highlight the uncertainty of our future that is bound to change dynamically, and points out how we can cope with the changes. He insists that the most useful life skill for young people is to learn how to be lifelong learners, sensitive to their own evolution within an evolving system.

Publisher: Rupa Publications

Call No: 174.4 M217T   **Accession No: 157058**

4.   **Machine Learners: Archaeology of a Data Practice/ Adrian Mackenzie**

Machine learning—programming computers to learn from data—has spread across scientific disciplines, media, entertainment, and government. Medical research, autonomous vehicles, credit transaction processing, computer gaming, recommendation systems, finance, surveillance, and robotics use machine learning. Machine learning devices (sometimes understood as scientific models, sometimes as operational algorithms) anchor the field of data science. They have also become mundane mechanisms deeply embedded in a variety of systems and gadgets. In contexts from the everyday to the esoteric, machine learning is said to transform the nature of knowledge. In this book, Adrian Mackenzie investigates whether machine learning also transforms the practice of critical thinking.

Mackenzie focuses on machine learners—either humans and machines or human-machine relations—situated among settings, data, and devices. The settings range from fMRI to Facebook; the data anything from cat images to DNA sequences; the devices include neural networks, support vector machines, and decision trees. He examines specific learning algorithms—writing code and writing about code—and develops an archaeology of operations that, following Foucault, views machine learning as a form of knowledge production and a strategy of power. Exploring layers of abstraction, data infrastructures, coding practices, diagrams, mathematical formalisms, and the social organization of machine learning, Mackenzie traces the mostly invisible architecture of one of the central zones of contemporary technological cultures.

Mackenzie's account of machine learning locates places in which a sense of agency can take root. His archaeology of the operational formation of machine learning does not unearth the footprint of a strategic monolith but reveals the local tributaries of force that feed into the generalization and plurality of the field.
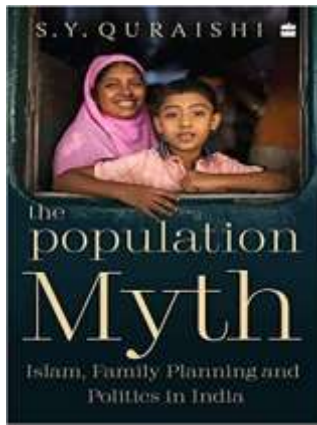
Publisher: The MIT Press

Call No: 003.54 M17M   **Accession No. 157059**

5. **The Population Myth: Islam, Family Planning and Politics in India/ S.Y. Quraishi**

The Population Myth reveals how the right-wing spin to population data has given rise to myths about the 'Muslim rate of growth', often used to stoke majoritarian fears of a demographic skew. The author, S.Y. Quraishi, uses facts to demolish these, and demonstrates how a planned population is in the interest of all communities.

The book delves into the Quran and the Hadith to show how Islam might have been one of the first religions in the world to actually advocate smaller families, which is why several Islamic nations today have population policies in place. This busts the other myth - that Muslims shun family planning on religious grounds.
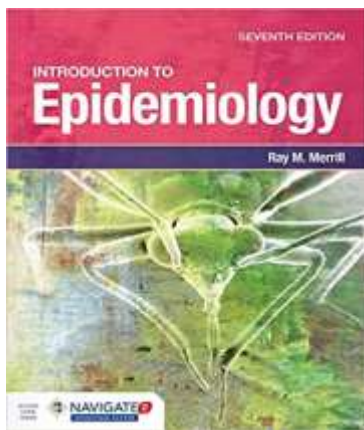
Based on impeccable research, this is an important book from a credible voice about the politicization of demographics in India today.

Publisher: Harper Collins Publishers

Call No: 363.960297 Q9P   **Accession No: 157069**

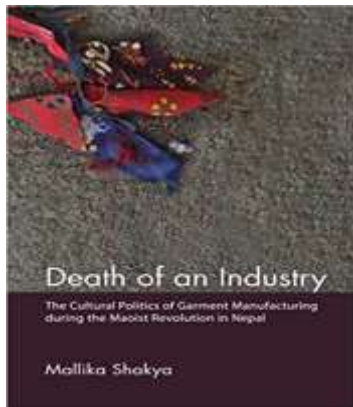**6.   Introduction to Epidemiology/ Ray M. Merrill**

Introduction to Epidemiology, Seventh Edition is a comprehensive, reader-friendly introduction to this exciting field. Designed for students with minimal training in the biomedical sciences and statistics, this text emphasizes the application of the basic principles of epidemiology according to person, place, and time factors in order to solve current, often unexpected, and serious public health problems. Students will learn how to identify and describe public health problems, formulate research hypotheses, select appropriate research study designs, manage and analyze epidemiologic data, interpret results, and apply results in preventing and controlling disease and health-related events. Offering real-world examples in the form of case studies and news files in each chapter, Introduction to Epidemiology is an accessible and effective approach to learning epidemiology. The Seventh Edition is a thorough revision that offers: * Updated tables, figures and examples throughout * Greater emphasis on epidemiology in international settings, causality, and disease transmission * Real-world public health problems involving both infectious and chronic diseases and conditions * Navigate 2 Advantage Access, which unlocks a complete eBook, Study Center, homework and Assessment Center, and a dashboard that reports actionable data. Experience Navigate 2 today at www.jblnavigate.com/2. Real-world public health problems involving both infectious and chronic diseases and conditions.

Publisher: Jones & Bartlett Learning

Call No: 614.4 M552I   **Accession No: 157061**

7. **Death of an Industry: The Cultural Politics of Garment Manufacturing during the Maoist Revolution in Nepal/ Mallika Shakya**
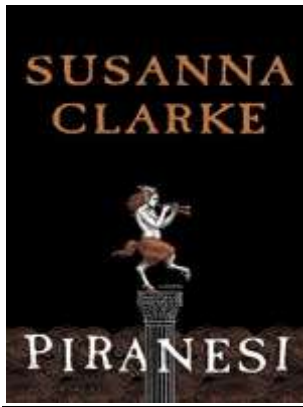
This book addresses the instabilities that growing industries face in developing countries, especially Nepal. Also, what happens when industries die out? It questions the rickety ride to industrialization and development - if at all it is avoidable? The author delves deep into its impact on human lives - what happens to those hundreds of thousands of people whose livelihoods are dependent on these industries? How do they inculcate new skillsets to suit changing requirements? What future awaits those who leave the country in search of a better tomorrow? The author challenges the existing perspective that the Maoist movement was essentially a rural, guerrilla warfare. She explains how the Maoist-led labour uprising in Nepal following the death of the garment industry was embedded in a broader political upheaval that was essentially urban in nature and was more about national politics than everyday politics in the margins.

Publisher: Cambridge University Press

Call No: 338.5496 S524D **Accession No:157068**

8. **Piranesi/ Susanna Clarke**

Piranesi's house is no ordinary building: its rooms are infinite, its corridors endless, its walls are lined with thousands upon thousands of statues, each one different from all the others. Within the labyrinth of halls an ocean is imprisoned; waves thunder up staircases, rooms are flooded in an instant. But Piranesi is not afraid; he understands the tides as he understands the pattern of the labyrinth itself. He lives to explore the house.

There is one other person in the house—a man called The Other, who visits Piranesi twice a week and asks for help with research into A Great and Secret Knowledge. But as Piranesi explores, evidence emerges of another person, and a terrible truth begins to unravel, revealing a world beyond the one Piranesi has always known.

For readers of Neil Gaiman's *The Ocean at the End of the Lane* and fans of Madeline Miller's *Circe*, *Piranesi* introduces an astonishing new world, an infinite labyrinth, full of startling images and surreal beauty, haunted by the tides and the clouds.

Publisher: Bloomsbury Publishing

Call No: 823 C611P   **Accession No: 157060**