

Indian Knowledge System in 21st Century: Tradition Meets Innovation

(Edition-II)

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MGM PUBLISHING HOUSE

JAIPUR – DELHI

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Published by
MGM Publishing House
Durgapura, Jaipur-302015
Rajasthan, India

ISBN: 978-93-49468-33-7
DOI: 10.62823/MGM/2026/9789349468337

Edition-II: July, 2026

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Price: Rs. 1385/-

Printed by:
In-house-Digital
Jaipur-302018

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This is to certify that this edited book entitled
**"Indian Knowledge System in 21st Century:
Tradition Meets Innovation (Edition-II)"**
bearing ISBN No. 978-93-49468-33-7 is
refereed and published after due peer-review
process.

Thanks


Publisher

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Acknowledgement

With a heart full of gratitude, we, the editors of this book ***“Indian Knowledge System in 21st Century: Tradition Meets Innovation” Edition-II***, extend our sincerest thanks to all those who supported and guided us throughout this academic journey.

First and foremost, we bow in reverence to the almighty for bestowing us with the strength, clarity, and perseverance to bring this vision to life. It is with divine grace that we could navigate through the challenges and complete this endeavor meaningfully.

We extend heartfelt thanks to our publisher ‘MGM Publishing House’ for believing in the potential of this book and for professionally supporting us at every stage, from concept to completion. The publisher’s unwavering commitment to knowledge dissemination has been the backbone of this publication.

Our deepest appreciation goes to our families, whose patience, encouragement, and understanding have been a source of constant strength. Their silent sacrifices and faith have been our anchor.

To our well-wishers, friends, and colleagues; their moral support and words of motivation kept us moving forward.

A special note of gratitude is reserved for our esteemed chapter contributors. Their scholarship, insights, and commitment to the theme of the Indian Knowledge System have added immense value to this book. Without their intellectual contributions, this work would not have reached its present depth and diversity.

We also express our appreciation to the academic reviewers, mentors, and advisory members whose constructive feedback helped refine the content and elevate its quality.

This book is not just a compilation of chapters, but a collective dream of preserving, interpreting, and innovating upon India’s ancient wisdom in the context of modern times. We hope it sparks dialogue, research, and renewed respect for our rich intellectual traditions.

With gratitude

***Dr. Aarti Chopra
Dr Nandini Sharma***

Preface

The Indian Knowledge System is a dynamic and evolving body of wisdom that continues to offer meaningful insights into the complexities of contemporary life. Rooted in centuries of observation, inquiry, experimentation and reflection, it encompasses diverse fields such as philosophy, science, medicine, governance, economics, management, art, culture and human well-being. Its relevance lies not merely in preserving the knowledge of the past, but in interpreting and applying it to address the challenges and opportunities of the present.

The second edition of *Indian Knowledge System in the 21st Century: Tradition Meets Innovation* carries forward the vision established in the first edition while significantly widening the scope of discussion. It represents another collective effort to examine the enduring relevance of Bharatiya Gyan Parampara and its potential to contribute to contemporary academic, professional and social discourse. The chapters included in this edition demonstrate that Indian knowledge traditions are neither confined to ancient texts nor limited to historical appreciation; rather, they provide valuable frameworks for innovation, ethical decision-making, holistic development and sustainable progress.

This edition brings together an interdisciplinary range of perspectives. It explores the relationship between traditional Indian exercise science and modern physiotherapy, as well as the connection between indigenous physical culture and contemporary sports science. The application of Kautilyan ethics to sports management and corporate sponsorship further illustrates how classical principles can guide modern institutional practices. Discussions on corporate social responsibility, ethical taxation, governance and decentralised organisational structures reveal the continuing relevance of Indian political and economic thought for present-day management and public administration.

The interaction between traditional wisdom and emerging science is another important dimension of this volume. The chapters examine the role of the Indian Knowledge System in an era shaped by artificial intelligence and automation, while also exploring the integration of Ayurvedic Prakriti with precision medicine and modern biology. Contemporary developments in healthcare, rehabilitation and drug-delivery technologies are presented alongside holistic Indian perspectives on health, well-being and human flourishing. Together, these contributions encourage readers to view knowledge not as a collection of isolated disciplines but as an interconnected system serving individual and societal welfare.

The volume also extends its inquiry to knowledge management, organisational competitiveness, art, culture and aesthetics. It revisits the foundational principles and historical evolution of the Indian Knowledge System while demonstrating their contemporary relevance. The inclusion of intercultural adaptation

and the experiences of international students further broaden the discourse, encouraging reflection on how cultural understanding, social integration and human resilience contribute to social and economic development in an increasingly interconnected world.

The chapters in this edition reflect the diversity and integrative character of Indian intellectual traditions. They create a dialogue between heritage and innovation, spirituality and science, ethics and enterprise, individual well-being and institutional development. While the subjects may appear diverse, they are united by a common conviction: that knowledge must ultimately promote balance, responsibility, justice and the larger welfare of society.

The growing academic emphasis on Indian Knowledge Systems has created new opportunities for scholars, educators and students to undertake rigorous interdisciplinary research. However, meaningful engagement with this intellectual heritage requires more than admiration for the past. It demands critical inquiry, contextual interpretation and a willingness to examine how traditional ideas may be responsibly adapted to contemporary conditions. This volume seeks to contribute to that endeavour by offering perspectives that are reflective, application-oriented and open to further exploration.

We express our sincere gratitude to all the authors whose scholarship, creativity and commitment have made this second edition possible. Their contributions enrich the expanding discourse on Indian Knowledge Systems and demonstrate the many ways in which traditional wisdom can interact with emerging fields of knowledge. We also acknowledge the support of the publisher, reviewers, academicians and well-wishers who contributed directly or indirectly to the completion of this volume.

We hope that this edition will serve as a valuable resource for students, researchers, educators, practitioners, policymakers and readers interested in exploring the relationship between India's knowledge heritage and contemporary development. May it inspire deeper inquiry, encourage interdisciplinary collaboration and motivate future generations to approach tradition not as a static inheritance, but as a living source of wisdom, innovation and transformation.

With humility and reverence, we dedicate this second edition to the timeless spirit of Bharatiya Gyan Parampara, which continues to illuminate the path from knowledge to wisdom and from wisdom to collective well-being.

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