# YOGA AND HEALTH



Dr. Satish Chander Sharma Dr. S.M.K. Rizvi Dr. Rajiv Gupta

# YOGA AND HEALTH



India | UAE | Nigeria | Uzbekistan | Montenegro | Iraq | Egypt | Thailand | Uganda | Philippines | Indonesia www.parabpublications.com

# YOGA AND HEALTH

## Authors:

# Prof. (Dr.) Satish Chander Sharma

Pro Vice-Chancellor, BBD University, Lucknow

Prof. (Dr.) S.M.K. Rizvi

DSW and Chief Proctor, BBD University, Lucknow

Prof. (Dr.) Rajiv Gupta

Dean, School of Pharmacy, BBD University, Lucknow

Copyright 2025 by Prof. (Dr.) Satish Chander Sharma, Prof. (Dr.) S.M.K. Rizvi and Prof. (Dr.) Rajiv Gupta

First Impression: June 2025

#### YOGA AND HEALTH

ISBN: 978-93-48959-80-5

Rs. 1000/- (\$80)

No part of the book may be printed, copied, stored, retrieved, duplicated and reproduced in any form without the written permission of the editor/publisher.

#### **DISCLAIMER**

Information contained in this book has been published by Parab Publications and has been obtained by the Authors from sources believed to be reliable and correct to the best of their knowledge. The authors are solely responsible for the contents of the articles compiled in this book. Responsibility of authenticity of the work or the concepts/views presented by the author through this book shall lie with the author and the publisher has no role or claim or any responsibility in this regard. Errors, if any, are purely unintentional and readers are requested to communicate such error to the author to avoid discrepancies in future.

Published by: Parab Publications

## Foreword

It is with immense pride and satisfaction that I present Yoga and Health: A Collection of Scholarly and Interdisciplinary Exploration, a special edition of the Yoga Health Magazine curated by the distinguished faculty of Babu Banarasi Das University. This volume is a significant contribution to academic and wellness communities, offering thoughtful perspectives on the relevance and application of yoga in today's dynamic world. As India is the birthplace of yoga, it is our responsibility to uphold and advance its legacy. The global recognition of 21st June as International Yoga Day reaffirms the universal value of yoga in promoting health, harmony, and holistic living.

This edition features 28 scholarly articles spanning a wide range of disciplines. From physical and mental health topics such as diabetes, pregnancy wellness, periodontal care, and metabolic balance to its application in education, hospitality, and urban planning, the contributions explore yoga's multifaceted benefits with academic rigor. Several articles also delve into the intersection of yoga with modern innovation, such as artificial intelligence in posture detection and the representation of yoga in digital and media platforms.

In addition to physical wellness, the magazine thoughtfully addresses yoga's role in organizational well-being, stress reduction, and emotional resilience. Articles like "Chair Yoga for the Modern Office Lifestyle" and "Workplace 'Shanti' Through Yoga" demonstrate how ancient practices can enhance modern work environments. The inclusion of creative work such as the poem "योग का महत्व" beautifully anchors this scholarly compilation in the spiritual and cultural roots of Indian tradition.

Together, these articles reflect a meaningful convergence of tradition and technology, science and spirituality. I extend my heartfelt congratulations to all the contributing authors for their academic dedication, and to the editorial team for their vision and hard work. May this magazine inspire students, educators, practitioners, and researchers to embrace yoga not just as a practice, but as a holistic philosophy for personal and societal transformation.

Mrs. Alka Das M.B.A., LL.B Chancellor Babu Banarasi Das University, Lucknow

#### Editorial

We are pleased to present this compilation, Yoga & Health, a scholarly endeavor that seeks to bridge ancient wisdom of Traditional Indian Knowledge treatise of Yoga with its relevance and need in contemporary modern day lifestyle. The World Health Organization (WHO) defines health as "a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity". Practice of Yoga truly underlines the above mentioned definition of Health as Yoga is a practice that integrates the physical body, breath, and mind. It is a holistic discipline that encompasses physical postures, breathing exercises, meditation, and mindfulness to improve physical and mental well-being.

This book features a diverse range of chapters exploring the multifaceted impact of Yoga on health, education, hospitality, technology, and societal well-being.

The editorial board has meticulously curated contributions from various domains to ensure academic rigor and interdisciplinary insight. Our contributors include scholars, educators, healthcare professionals, yogic practitioners, and technologists, reflecting the global and integrative nature of Yoga studies today.

The editorial board has meticulously curated contributions from various domains and fields to ensure academic rigor and interdisciplinary insight. Our contributors include scholars, educators, healthcare professionals, poets, yogic practitioners, and technologists, reflecting the global and integrative nature of Yoga studies and its practices today.

This compilation highlights both traditional and modern dimensions of Yoga from ancient philosophies and meditative practices to emerging areas like AI-based pose estimation, workplace wellness, and digital media narratives. Several chapters delve into Yoga's therapeutic role in addressing physical and mental ailments, while others reflect on its utility in modern sectors such as hospitality, food production, and urban health management.

Particularly noteworthy are the chapters addressing Yoga's integration into pedagogy, legal perspectives, and stress reduction in professional environments all underscoring its versatility and universal appeal. The editorial board remains committed to fostering holistic scholarship that respects Yoga's roots while embracing innovation. We hope this work contributes meaningfully to the academic discourse on Yoga, inspiring further research, practice, and policy integration across disciplines.

We extend our heartfelt gratitude to all authors, reviewers, and collaborators whose commitment and intellectual contributions have shaped this compilation, which may serve as ready reference on Yoga and its resurgence in present days of living a lifestyle with an approach of maintaining a dynamic balance between deeds and fate.

Prof.(Dr.) Satish Chander Sharma
Dr. S.M.K. Rizvi
Dr. Rajiv Gupta
Babu Banarasi Das University, Lucknow

## About the Authors



Prof. (Dr.) Satish Chander Sharma Pro Vice-Chancellor, BBD University, Lucknow

Dr. Sharma has more than 32 years of experience in the field of teaching, administration and consulting. Currently he is working as Pro Vice Chancellor BBD-Babu Banarasi Das University Lucknow Uttar Pradesh and also officiating VC office. He worked as a Director (Approvals& Recognition) and has been Director IQAC with a tag of NAAC A+ Grade as Health University manual and UGC 12-B Status credited to my office during my tenure for SGT University Gurugram NCR Delhi. He feel proud to be a Professor of OB & HR in the field of management part of my academic journey. He has done his Masters in the field of applied Industrial Psychology and M.Phil in Organizational Behavior from Delhi University. Then he pursued MBA (HR) and completed doctoral degree Ph.D in the field of Business Administration. He had worked as Faculty, Dean and Director with many academic institutions like IMS-Ghaziabad, **IMR** -Ghaziabad, **IMT-CDL** Ghaziabad, SASIIT, Mohali-Punjab Technical MCM, Udaipur-University, Rajasthan Technical University, BMU- Baba Mastnath University Rohtak. He has passion for teaching and learning new skills. He had published 12 books, 10 chapters, 5 Patents and more than 60+ research articles in Scopus, Web of Science and reputed national and international journals and magazines. He has been delivered many invited talks & lectures as a keynote speaker at national and international level events. He is associated as a member with many reputed organizations like AOM- USA, ISTD, HRD Network and as editorwith many journals and magazines. He has been awarded many times in the field of education as higher education leader.



Prof. (Dr.) S.M.K. Rizvi

#### DSW and Chief Proctor, BBD University, Lucknow

He is Professor in the Department of Mathematics, School of Basic Science, BBD University, Lucknow, and has a experience of more than 30 years. Apart from academics,he is Chief Proctor & Dean, Student Welfare of BBD University. He has been deputed as Convener of event "Yog Maah" (21st May to 21st June 2025) at BBD University, Lucknow.



Prof. (Dr.) Rajiv Gupta

Dean, School of Pharmacy, BBD University,
Lucknow

Dr. Rajiv Gupta, M. Pharm., Ph.D., is having 28 years of experience in Pharmaceutical industry and Academics. He has 57 publications (h index-20 &i-10 index 32) to his credit. He has authored five books and two book chapters and holds a Patent also. He is Recipient of R.V. Patel Best M. Pharm. Thesis (National) Research Supervisor award.

# Table of Contents

आदेश श्रीवास्तव रचित "योग का महत्व" पर कविता	1 - 2
आदेश श्रीवास्तव	
YOGA AND MENTAL HEALTH	3 - 24
Swetza Singh and Rajiv Gupta	
YOGA: A PROMISING HOPE FOR VERSATILE AILMENTS	25 – 31
Harinath Dwivedi, Shivam Verma, Rajiv Gupta	
WORKPLACE 'SHANTI' THROUGH YOGA: A BIBLIOMETRIC REVIEW OF STRESS REDUCTION PRACTICES IN HUMAN RESOURCE MANAGEMENT	32 - 52
Dr. Saurabh Gupta and Prof (Dr.) Sushil Pande	
YOGA: THE PATH TO CONTROL YOUR DIABETES – A LEGAL AND HOLISTIC PERSPECTIVE	53 - 67
Dr. Lokesh Dutt Awasthi and Dr. Nitesh Kumar Srivastava	
MINDFULNESS OR MYTH? DECODING THE MEDIA'S ROLE IN SHAPING INDIA'S YOGA IDENTITY IN THE DIGITAL AGE	68 - 92
Dr.Jaycey Vikram	

A COMPREHENSIVE REVIEW OF ARTIFICIAL INTELLIGENCE IN YOGA POSTURE DETECTION AND CORRECTION	93 - 100
Dhyan Chandra Yadav	
THE DIGITAL ASANA: A DISCOURSE ANALYSIS OF YOGA REPRESENTATION ON SOCIAL MEDIA	101 - 121
Mr. Ashutosh Seth and Dr. Jaycey Vikram	
IMPACT OF YOGA ON PERIODONTAL HEALTH AND STRESS	122 - 135
Dr Deepika Mishra	
YOGA AND MATHEMATICS – A BRIEF SURVEY	136 - 147
Madhuri Jha and Kashika Srivastava	
YOG FOR STUDENTS: A TIMELESS PATH TO CONCENTRATION, SKILL AND SELF-MASTERY	148 - 152
Dr.Keerti Srivastava	
BREATHING LIFE INTO CITIES: THE EVOLVING ROLE OF YOGA IN SUSTAINABLE LIFESTYLES AND URBAN HEALTH PRACTICES	153 – 157
Dr PoojaVerma and Dr Mulayam Singh Yadav	
YOGA: THERAPEUTIC ROLE FOR REJUVENATION OF METABOLIC ACTIVITY	158 - 162
Shiv Shankar Yadav	

REFLECTIVE YOGA: DESIGNING BUILT ENVIRONMENTS THAT FOSTER WELL-BEING IN CHILDREN	163 - 172
Dr. Mohit Kumar Agarwal	
REVIVE WHILE YOU WORK: CHAIR YOGA FOR THE MODERN OFFICE LIFESTYLE	173 – 177
Sandeep Singh	
THE ROLE OF YOGA IN ENCOURAGING GUEST SATISFACTION IN THE HOTEL INDUSTRY	178 - 181
Dr. Pooja Gianchandani	
YOGA FOR MINDFULNESS IN THE HOSPITALITY INDUSTRY	182 - 183
Chef (Dr.) Sandeep Kumar Singh	
THE ROLE OF YOGA IN THE HOUSEKEEPING INDUSTRY: ENHANCING WELLBEING AND PERFORMANCE	184 - 185
Mohd. Sayaid Khurshed Ahmad	
THE ROLE OF YOGA IN ENHANCING WORKER HEALTH AND EFFICIENCY IN THE FOOD PRODUCTION	186 – 187
Chef Mohit Singh	
THE IMPACT OF WELLNESS IN ENHANCING FOOD AND BEVERAGE SERVICE IN THE HOTEL INDUSTRY	188 - 194
Dr. Girish Nandani	

THE YOGA DIET: NOURISHING THE BODY, MIND & SPIRIT	195 - 196
Arbaz Siddique	
THE SCIENCE OF YOGA: HOW IT AFFECTS YOUR BODY AND MIND	197 - 198
Ravi Shankar Rai	
THE ROLE OF YOGA IN EMPLOYEE WELLNESS PROGRAMS IN THE HOSPITALITY INDUSTRY	199 - 201
Dr. Kavita Gupta	
BRIDGING YOGIC EPISTEMOLOGY AND MODERN PEDAGOGY TOWARDS A TRANSFORMATIVE EDUCATIONAL PARADIGM	202 - 209
Mudit Kumar Verma	
RELEVANCE OF YOG PHILOSOPHY IN CONTEMPORARY INDIAN EDUCATION	210 - 217
Neha Shukla	
THE ROLE OF TEACHER EDUCATORS IN SPREADING YOGIC AWARENESS IN SOCIETY	218 - 230
Richa Dwivedi and Kanak Dwivedi	
YOGA IN PREGNANCY	231 - 237
Devika Singh	
YOGA – POWER, HEALTH AND PEACE	238 - 243
Amar Nath Mishra	

#### **ABOUT THE AUTHORS**



**Prof. (Dr.) Satish Chander Sharma**Pro Vice-Chancellor, BBD University, Lucknow



Prof. (Dr.) S.M.K. Rizvi
DSW and Chief Proctor, BBD University, Lucknow



Prof. (Dr.) Rajiv Gupta

Dean, School of Pharmacy, BBD University, Lucknow

### ABOUT THE BOOK

Yoga and Health explores the deep connection between yoga and holistic well-being. Blending ancient wisdom with modern insights, this book highlights how yoga enhances physical, mental, and emotional health. It covers essential postures, breathing techniques, meditation, and therapeutic applications to address lifestyle-related ailments. Designed for all levels—from beginners to experienced practitioners—it offers practical guidance for daily life. Whether you seek stress relief, improved flexibility, or inner peace, this book is a valuable companion on your wellness journey. Yoga and Health encourages readers to embrace yoga as a transformative path to balance, vitality, and long-term health.





