

Contents

<i>Acknowledgement</i>	xiii
<i>Foreword</i>	xv
<i>Preface</i>	xvii

Part I: Revisiting the Construal of Science

Section A: Issues of Rationality/Methodology	3
1. Intuition – An Interface between Mysticism and Science	3
2. Some Observations on <i>Observation</i> in Philosophy of Science: An Attempt to Realize the Need to Go <i>Beyond</i> Science	24
3. Reasonableness: The Defining Characteristic of Human Beings	39
4. Rationality	53
5. Rationality (Reasonableness) in Science	59
6. The Role of Reasonableness in the Construal of Human Fullness - A Philosophy of Science Perspective	66
7. Is Popper Proper? – Reflections on Popper’s Views on Inductive Reasoning in Science	80
8. Inductive Reasoning – A Thorn in the Flesh? Implications of Inductive Reasoning for Natural Sciences and Human Lives	90
Section B: Considerations of Values/Morality	117
9. Are Values Valuable in Science? - A Kuhnian Perspective	117
10. Struggles of Science and Relevance of Religion	130
11. Healing Ministry and Palliative Care in Christianity	144
12. Nanotechnology and the Risk of Scientism – Philosophy of Science Perspectives	152
Section C: Contemplations on Consciousness/Mind	169
13. Mysticism and Quantum Physicists: Friends or Foes?	169
14. Dissent: A Demand for Ascent An Essential Lesson from the Existential Nature of Science	187

15. A Complete Construal of Consciousness – Comprehensible? Some Reflections on the Understanding Human Consciousness	199
16. Artificial Intelligence: Intelligent, Yet Artificial Reflections on Interfacing Philosophy and AI	215 215
17. Mathematics: A Mesmerizing Mystery	231

Part II: Insights, Implications and Instructions of the New Construal

Section D: For Science	257
18. <i>Learning to Learn</i> – Dudley Shapere’s Invitation to Learn from the Contemporary Science	257
19. Science as a Hermeneutical Enterprise – Implications for India, Science and Humanity	270
20. Mr. Stephen Hawking, Who Is That “Tailor”? - Reflections on Hawking’s Ideas on God	280
Section E: For Spirituality	301
21. Why Do You (not) Laugh When I Crack a Joke? - Some Existential Reflections from Physical and Metaphysical Perspectives	301
22. Meaning and Meaningfulness of Life: Beyond the Boundaries of Biosciences	313
23. Seminary, Science and Signs of the Times: An Invitation to Be Wise, Not Otherwise	325
24. Is Body Merely Bodily? – Reflections on Human Body as a Symbol in Bio- and Medical Sciences	333
25. Science–Religion Dialogue as a Movement: The Need of the Hour to Transform Society	342
26. Science and Spirituality: Estranged? Or Enriched? - Reflections on How They Help Us Acquire Larger Perspectives	354
27. Spirituality: Seasoned or Seasonal? – An Attempt to Make Spirituality Relevant for Today’s Youth	362
28. Enriching Science with the Dharma of Jesus – A Philosophy of Science Perspective	375
Section F: For Ecology	397
29. Science: Not to Silence “Silence” - Reflections on the Role of Science in Building a Holistic Nation	397

30. Cosmic Insignificance and Cognitive Indispensability – An Obligation to be Wise, Not Otherwise!	409
31. “Being Human to Nature” – A Call from the World of Sciences	423
32. Gratitude: From Inner Space to Outer Space - <i>Reflections on Gratitude from Psychological and Cosmological Perspectives</i>	430
33. Contemporary Cosmology: Leading to Humility Science, Humility Theology and Holistic Humanity	442
Section G: For Humanity	461
34. Enrichment of Human Life Transcending Rational Restraints - A Philosophy of Science Perspective	461
35. Science with a Human Touch: An Urgent Need to Augment Life and Culture - A Feyerabendian Analysis	474
36. Towards an Enlightened and Enriched Humanity: Rays of Hope from Critical Interaction with the Contemporary Science	491
37. Science and the Signs of the Times: Redefining Science and Enriching Humanity	505
38. Does Feminism Contribute to the Development of Science? – If So, How? If Not, Why Not?	524
39. Can Ignorance Be Ignored? – Existential Reflections on Ignorance from Philosophy of Science Perspectives	546
40. Making Curriculum Wise, not Otherwise: Some Reflections on <i>Veritatis Gaudium</i> of Pope Francis	559
41. Corona: Living or Non-Living? - Yet Lessons for the Living	565
42. Sacred Spaces: Too Sacred for Women? Reflections on Scientific Basis on Preventing Women at Certain Worship Places	571
43. Can We Ever Know What (How Much) We Don’t Know? – Lessons from Contemporary Sciences	578
<i>References for some of the Key Concepts</i>	603
<i>Selected Bibliography</i>	607