Contents

List of Illustrations ix
List of Contributors xv

VOLUME I

A. Missionary Activity, Luso-Indian Contact

1. The Arrival of the Portuguese in India and the New Spread of Christianity Through Asia
   — João Paulo Oliveira e Costa

2. Catholic Missionaries in the Estado Da India and their Insights into Indian Culture, Science, Medicine, Life and Manners
   — Charles J. Borges

   — Pratima Kamat

4. The Daily Life of Viceroy Count of Sarzedas in Goa 1655-1656
   — Artur Teodoro de Matos

5. Education in Goa During the 18th Century: Influences, Agents and Results
   — Maria de Jesus dos Mártires Lopes

6. Feeding Status: Food and Social Stratification in Goa
   — Rosa Maria Perez
### B. Medicine, Botany

| 8. | Portuguese Sources and New World Plant Introductions in India | Jaweed Ashraf | 113 |
| 9. | The Iberian Expansion and the Fortune of Indian Plants in the West | Luís Filipe F.R. Thomaz | 153 |
| 10. | Indo-Portuguese Connections: Botanical Perspective | S.K. Jain | 274 |
| 11. | DeSilva Family of Portugal and its Contribution to Unani Medicine | Syed Zillur Rahman | 290 |
| 12. | Firanga-Roga: Portuguese Influence on Indian Medicine | Srabani Sen | 305 |

### C. Physical Geography, Cartography, Marine Archaeology

| 13. | Physical Geography of Bengal in 16th Century as Perceived Through Portuguese Writings | Aparajita Basu | 309 |
| 15. | From River to Sea Catching the Monsoon: Concepts of the Maritime Cultural Landscape | Christer Westerdahl | 334 |
| 17. | A Maratha Map of South India | P.P. Gogate & B. Arunachalam | 371 |
| 18. | Cartographic Knowledge of India in Late 15th Century Portugal | Inácio Guerreiro | 380 |
| 19. | Pandarane, An Important Harbour on the Coast of Malabar | José Manuel Malhão Pereira | 388 |
| 20. | Physics of the Sea for Seafarers | C.S. Murty & M.P. Tapaswi | 405 |
## VOLUME II

### D. Astronomy, Navigation, Instrumentation

21. The *Chola* Mode of Navigation in the Northern Indian Ocean  
   — *B. Arunachalam*  
   417

22. The Importance of Ujjayinī and Laṅkā in Indian Astronomy  
   — *A.K. Bag*  
   438

23. The Jesuit Response to Copernicanism and its Impact on the Portuguese Contribution to the Development of Science in India  
   — *Job Kozhamthadam, S.J.*  
   451

24. Indian Rutters: The Indigenous Tradition  
   — *Lotika Varadarajan*  
   468

25. Approaches to Arab Nautical Tradition in the Indian Ocean: Two Yemeni Nautical Poems  
   — *Michel Nieto*  
   476

26. Kamāl or Rāpalagai  
   — *C.K. Raju*  
   483

27. Instrumentation for Astronomy and Navigation in India at the Advent of the Portuguese  
   — *Sreeramula Rajeśwara Sarma*  
   505

### E. Eastern Pilotage, Calendrical Systems, Ship Building

28. Early Pilots on the Indian Waters  
   — *François Bellec*  
   516

29. Two Ritual Calendars in Southern Goa  
   — *Rowena Robinson*  
   532

30. Thangal Calendar in Lakshadweep  
   — *E.P.A. Thangal*  
   560

31. Naval Architecture in Portuguese India with Special Reference to the Malabar Coast  
   — *K.S. Mathew*  
   574

32. From Decline to Prosperity: Shipbuilding in Daman 18th-19th Centuries  
   — *Erestine Carreira*  
   593

### F. Cultural Interaction, Piracy, Fortification

33. Inscribing the Other? Notes on a 17th Century Bengali-Portuguese Religious Pamphlet  
   — *Bhaskar Mukhopadhyay*  
   630
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>34.</td>
<td>Domestic Architecture in Goa as Heritage: Intervention Methodologies</td>
<td>638</td>
</tr>
<tr>
<td></td>
<td>— Ángelo Costa Silveira</td>
<td></td>
</tr>
<tr>
<td>35.</td>
<td>Indigenous Knowledge and Cultural Interaction</td>
<td>649</td>
</tr>
<tr>
<td></td>
<td>— Jan Brouwer</td>
<td></td>
</tr>
<tr>
<td>36.</td>
<td>Gastronomy of Bengal</td>
<td>665</td>
</tr>
<tr>
<td></td>
<td>— Ena Desai</td>
<td></td>
</tr>
<tr>
<td>37.</td>
<td>Spices and Fruits: Re-encounters with Old Flavours</td>
<td>673</td>
</tr>
<tr>
<td></td>
<td>— G.S. Gonçalves Lima</td>
<td></td>
</tr>
<tr>
<td>38.</td>
<td>European Perceptions of the Culture of the Moluccas</td>
<td>687</td>
</tr>
<tr>
<td></td>
<td>— Manuel Lobato</td>
<td></td>
</tr>
<tr>
<td></td>
<td>— G.V. Soumitri</td>
<td></td>
</tr>
<tr>
<td>40.</td>
<td>The Portuguese Elements in Bengali Culture: An Exploratory Note</td>
<td>735</td>
</tr>
<tr>
<td></td>
<td>— Tarapada Santra &amp; Gautam Sengupta</td>
<td></td>
</tr>
<tr>
<td>41.</td>
<td>Indo-Portuguese Architecture: Structural Aspects Focus on Architecture of Diu and its Influence in the Region of the Erstwhile Junagadh State</td>
<td>748</td>
</tr>
<tr>
<td></td>
<td>— R.J. Vasavada</td>
<td></td>
</tr>
<tr>
<td>42.</td>
<td>Piracy in the Indian Ocean: Exploring Perspectives</td>
<td>756</td>
</tr>
<tr>
<td></td>
<td>— Lakshmi Subramanian</td>
<td></td>
</tr>
<tr>
<td>43.</td>
<td>Indo-Portuguese Fortification</td>
<td>764</td>
</tr>
<tr>
<td></td>
<td>— Francisco Sousa Lobo</td>
<td></td>
</tr>
<tr>
<td>44.</td>
<td>Mysore Hill Forts (1400-1800)</td>
<td>796</td>
</tr>
<tr>
<td></td>
<td>— Jean Deloche</td>
<td></td>
</tr>
</tbody>
</table>