

# Contents

<i>Preface</i>	v
<i>Acknowledgements</i>	vii
<i>List of Contributors</i>	ix
<b>Role of Intellectual Property Rights in Biodiversity Conservation and Biotechnology Transfer</b>	<b>1</b>
<i>U. N. Rai and N. K. Singh</i>	
<b>Conservation of Biological Resources in the ITK Regime: Issues and Priorities</b>	<b>10</b>
<i>Malabika Ray</i>	
<b>Intellectual Property Rights in Agricultural Biotechnology: An Overview</b>	<b>18</b>
<i>Jose Joseph</i>	
<b>Patenting Bioinformatics Inventions in India</b>	<b>30</b>
<i>Aakarsh Kamra</i>	
<b>Intellectual Property Rights and Traditional Knowledge- Indian Perspective</b>	<b>37</b>
<i>Kailash Choudhary, Mangal Singh and Uma Pillai</i>	
<b>Community Health Knowledge Register- An Inventory of Traditional Knowledge and Bio-Resources</b>	<b>43</b>
<i>Pankajini Tarasia and R.D. Girach</i>	
<b>Intellectual Property Rights Regime under Indian Constitutional Law: Judicial Trends</b>	<b>50</b>
<i>Pawan Kumar</i>	
<b>Role of Intellectual Property Rights in Biotechnology</b>	<b>55</b>
<i>Riti Thapar Kapoor</i>	
<b>Geographical Indications for the Protection of Agro-biodiversity: Global and Indian Perspectives</b>	<b>62</b>
<i>Jose Joseph</i>	
<b>Environment, Tribal Culture and Resource Management in the Kiliki Watershed of Zunheboto Hills, Nagaland</b>	<b>71</b>
<i>M. S. Rawat</i>	
<b>Diversity of Medicinal and Aromatic Flora of Nanda Devi Biosphere Reserve: An Appraisal in Context to Utilization and Conservation</b>	<b>89</b>
<i>Aravind Kumar</i>	
<b>Harnessing the Pharmaceutical Potential of Assam Bora Rice: A Waxy Rice Variety of Northeast India</b>	<b>101</b>
<i>Nikhil K Sachan and A. Bhattacharya</i>	
<b>Glimpse on Some Issues Related with Biodiversity Prospecting in Medicinal Context</b>	<b>107</b>
<i>Hemendra S. Chouhan and Sushil K Singh</i>	
<b>Biotechnological Intervention for Attaining Global Food Security</b>	<b>109</b>
<i>Dinesh Yadav, Sangeeta Yadav and Manoj Kumar Yadav</i>	
<b>Indigenous Knowledge in the IPR System</b>	<b>117</b>
<i>Harsh Kaushal</i>	

<b>An Introduction to Traditional Knowledge in the IPR System</b>	<b>126</b>
<i>Abhishek Kumar</i>	
<b>Herbal Drug Diversity in Folklore of Uttar Pradesh</b>	<b>129</b>
<i>C.P. Shukla</i>	
<b>Biological Resources and Traditional Therapeutical Knowledge: A Review</b>	<b>135</b>
<i>C.P. Shukla</i>	
<b>Species Diversity of Chroococcales from Shukratal, District Muzaffarnagar (U.P.)</b>	<b>175</b>
<i>Mukesh Kumar</i>	
<b>Diversity of Lithophytic Cyanobacteria in Kumaon Region</b>	<b>182</b>
<i>Anjali Khare and Mukesh Kumar</i>	
<b>The Legal efforts as Harmonisation of Relationship between Bio-Diversity and TRIPS: A Critical Assessment</b>	<b>188</b>
<i>Shiv Shankar Singh</i>	
<b>Biodiversity, Intellectual Property Rights and Traditional Knowledge: An Indian Experience</b>	<b>195</b>
<i>Shiv Shankar Singh and Sanghsen Singh</i>	
<b>Bt. Brinjal: A Case Study</b>	<b>200</b>
<i>Vikas Bhati and Ashwini Siwal</i>	
<b>Medicinal and Aromatic Plants (MAP's) as Efficient Intercrops under Mango</b>	<b>207</b>
<i>K.S. Channabasappa, G.V. Naik, Praveen Kumar and S.L. Madiwalar</i>	
<b>Evaluation of Medicinal and Aromatic Plants (MAP's) for Teak based Agroforestry</b>	<b>212</b>
<i>K.S. Channabasappa, S.L. Madiwalar, G.O. Manujunatha and Harsha Hegde</i>	
<b>Intellectual Property Rights as a Safeguard to Traditional Knowledge: Importance and Future Needs</b>	<b>216</b>
<i>Uttam Kumar Shukla and V P Sharma</i>	
<b>IPR's: An International Agreement for Support and Protection of Indigenous People</b>	<b>219</b>
<i>P. Sahu, S.D. Upadayaaya and T.R. Sahu</i>	
<b>Orchids: Biodiversity to Biotechnology vis-à-vis IPR: A Case Study</b>	<b>223</b>
<i>R.C. Srivastava</i>	
<b>Biotechnological Interventions for Sustainable use of Medicinal Plants</b>	<b>228</b>
<i>P. Priyadarshini and Rekha R. Warriar</i>	
<b>Floral Diversity of Bamboo and Rattan in North-Eastern India</b>	<b>232</b>
<i>N.P. Melkania and S.L. Gupta</i>	
<b>TKDL and After</b>	<b>240</b>
<i>J.P. Mishra</i>	
<b>Variability and Distribution Status of Acacia</b>	<b>250</b>
<i>S.S. Singh and Ajay K. Singh</i>	
<i>About the Editors</i>	<b>262</b>