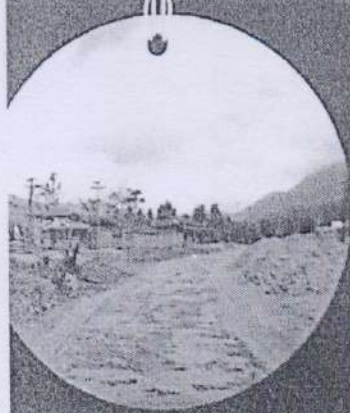
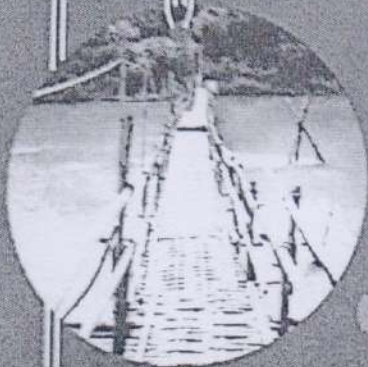
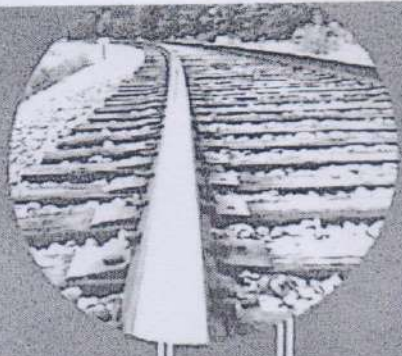


Road Communication in North East India and Beyond

Bridging Culture and People



Edited by **Tarun Dutta**

Contents

<i>Acknowledgements</i>	v
<i>List of Contributors</i>	xi
<i>Introduction</i>	xv

Section A History, Politics and Development

1. Road Communication and Its Development in North-east India and Beyond within a Historical Framework <i>Sarah Hillaly</i>	3
2. Connectivity with East via North-east India: A Study <i>Tarun Dutta</i>	16
3. Road Construction in North-East Frontier ¹ of India, 1820s-1830s <i>Santosh Hasnu</i>	29
4. Politics of Road Construction in the North-East India: Prospects and Challenges <i>Mayengbam Nandakishwor Singh</i>	49
5. Road to Ruin: An Inquiry into the Prevalence of Corruption in Road Building in India <i>Dibyajyoti Dutta</i>	59
6. Role of Roads in Maintaining Ahom-Nagas Relation: A Historical Study <i>I. Imkongakum Ao</i>	69

Politics of Road Construction in the North-East India

Prospects and Challenges

Mayengbam Nandakishwor Singh

Human Civilization and Necessity of Road Construction

In the human history, many civilizations have perished, some have survived and many are still flourishing. Human civilization never cease to travel in its own course and it is an ongoing journey. In all these unending continuation, connections among human civilization have been bridged by the road connectivity. Disregarding of the imminent fate of some civilization, the connection among humans largely ensure that continuity of human civilization as a whole progress. Human beings can never live apart, isolated from fellow human beings in stage of human civilization. It is natural for the human species to be in the connection with others for varied tangible and intangible needs and it is a fact that human beings alone cannot fulfil all what they need for the complete life. The fast imposing trend of globalization is the classic proof of this human trajectory. Evolution of human civilization is shaped by the connectivity among human beings and it is the roads of connectivity that largely enable it.

Road, a way on land, is meant for providing connections among humans. Road construction is so essential for varied reasons and its necessities have been burgeoning in each passing time. It is true that as long as human thrive to excel in all spheres, it is

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National and Community Perspectives

Editor-in-Chief

Topi Basar

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Contents

<i>Chief Patron's Message</i>	i
<i>Preface</i>	ii-vii
<i>Acknowledgement</i>	viii
<i>Abbreviations</i>	Ix
1. Recapturing the Traditional Knowledge and Culture of Assam with Special Reference to Silk Industry of Sualkuchi and Bell-Metal Industry of Sarthebari: A Case Study	1
<i>Monmi Gohain, Dipakshi Das, Daisy Changmai and Juri Goswami</i>	
2. Indigenous Biodiversity Conservation by Adi Tribes of Arunachal Pradesh	23
<i>Amum Tamuk</i>	
3. A Linkage of Indigenous Herbs of Assam with Biodiversity Laws in India	35
<i>Anee Das and Prakreetish Sarma</i>	
4. The Need for Establishing Mechanisms for Accreditation of Traditional Knowledge Practitioner	51
<i>Daffne Tamang</i>	
5. Sanskrit Learning in the Tolas of Assam Issues and Challenges: A Note	62
<i>Jagadish Sarma</i>	
6. Gamosa, an Identity of the Assamese Community: Extent of Legal Recognition in India	71
<i>Jayanta Baruah and Namrata Chakrabarty</i>	
7. Traditional Knowledge and its Protection in India: A Critical Analysis	81
<i>Jigme Wangchuk Bhutia</i>	
8. Contribution of Srimanta Sankardeva on Traditional Cultural Expressions of Assam	95
<i>Juri Goswami and Purbaja Sarmah</i>	
9. Documentation of Traditional Herbal Medicinal Knowledge on <i>Oroxylum indicum</i> as used by the Poumai Nagas	106
<i>K.P. Jastone and Moses M. Naga</i>	
10. Manuscript Archiving: Effective Practices for Protection of Traditional Knowledge with special reference to Assam	114
<i>Kankana Baishya and Jyotirekha Bhattacharyya</i>	

Contents

11. **The Growing Requirements for IP Protection of Traditional Knowledge and Traditional Cultural Expressions in North- east India: An Analysis** 136
Karishma Handique
12. **Tribal Upliftment, Intellectual Property Rights and Benefit Sharing** 154
Palpu Pushpangadan and Thadiyan Parambil Ijinu
13. **Exploring the Challenges and Potential for GI in North East-India: A Paradigm Shift** 170
Pankaj Choudhury
14. **Protection of Traditional medicine knowledge of Ahom tribes of Assam under IPR Laws in India –A Critique** 184
Shenoy Rujitha T R and Anurupa Chetia
15. **Problems Faced by the Craftsmen in Protecting their Traditional Knowledge over Handlooms and Handicrafts in Assam – An Empirical Assessment** 199
Smita Sarmah
16. **Defining Traditional Knowledge-National and International Perspectives** 212
T.C. James
17. **A Note on the Practice of *Nyameng Kepel* among the Padams of Arunachal Pradesh** 239
Ujum Perying
- Author Index* 240
- Keyword Index* 241-242



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BORDER AND CONNECTIVITY

North-East India
and
South-East Asia

Edited By

K. Vidya Sagar Reddy

C. Joshua Thomas

CONTENTS

Foreword

vii

Introduction

ix

I. ACT EAST POLICY IN CONTEXT

- 1 Conversations Beyond the Centre: India's Border Regions as Drivers of the Act East Policy
Nimmi Kurian 3
- 2 Preparing the North East Region of India for an Effective Act East Policy
P. Lazarus Samraj and James Ralte 14
- 3 Act East Policy for North East India: Prospect, Ethnicity, Soft Power
Lalengkima 32
- 4 Consociating India with ASEAN: Prospects and Challenges in Look East Policy
M.N. Singh 41
- 5 CLMV and Act East Policy: Exploring New Avenues
Pankaj Jha 52
- 6 Trade Potential of North East India with ASEAN
Sunetra Ghatak 62

II. BORDER AND CONNECTIVITY

- 7 A Political Economy Analysis of Growth Episodes in the North-Eastern Region
Debajit Jha 81
- 8 India's Connectivity with ASEAN: A Micro-Level Study of Socio-Economic Connectivity and Its Impact on Border Trade at Zokhawthar (Mizoram)
Ruatdiki Hmar 95

Consociating India with ASEAN: Prospects and Challenges in Look East Policy

M.N. Singh

ABSTRACT

India has not had a phenomenal relationship, at least not in political and economic, with the Southeast Asian countries for long although they are located in the same continent. Despite sharing strong cultural affinities with many of these countries, the Indian government has not developed a robust foreign policy towards these countries for various reasons. After Independence, historically, India has adopted NAM and it had put into practice a kind of controlled economy, not opening to the global market. India was also somewhat inclined towards the erstwhile Soviet Union and these countries were not coming forward towards India. For years, post independence, India's focus has been emphatically towards the West.

Today, the scenario is completely different and the Indian market, after the daring economic reform pioneered in 1991, is open to the world market. For the emerging economic and strategic ends, India began looking towards Southeast Asia. With a sizeable Indian Diaspora in the region, coupled with the looming rise of China in Asia, there are several economic and strategic possibilities and India cannot afford to overlook these countries.

On the part of Southeast Asian countries, there is a constant fear about the overarching power of China. It is only natural that these countries look up to India as a potential power to balance the hegemonic rise of China in the region. More than anything else, after the Chinese invasion of India 1962, there have had been rigorous strategic changes in these two Asian giants. As China is boldly befriending the immediate neighbours of India and encircling it, it became a necessity for India to counter the Chinese move by embracing collaborative ties with Southeast Asian countries.

It is after 1991 that India began to focus keenly on these countries for all possible ties and the most pragmatic result of this initiative is the Look East Policy. Profoundly conceptualized under the visionary leadership of former Prime Minister P. V. Narasimha Rao, the Look East Policy, while mapping the North-east region of India as the corridor, is shaping up steadily. In recent times, India has not only signed the ASEAN-India Free Trade Area Treaty among some countries, it has also been accorded observer status to the ASEAN Inter Parliamentary Assembly. As a matter of fact, the Look East Policy is not just about economic ties, but is also for strategic

Annex 9

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of
Climate
Resilience

Edited by

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Devapreeti Sharma
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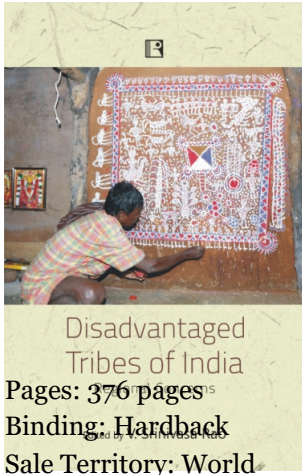
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Contents

Preface <i>Prof. J S Patil</i>	i
Forward <i>Prof. Philippe Cullet</i>	iii
Impact of Natural Disasters on Climate Change: An Indo-Canadian Overview <i>Adrita Bhuyan & Krishna Kant Jain</i>	1
Accommodating Climate Change within Geographical Indications: Terroir Alterations and Producer's Interests <i>Ananthu S Hari & Prof. (Dr). Raju K.D.</i>	13
Role of Alternative Dispute Resolution in Climate Change Related Disputes: Issues, Challenges and the Future <i>Animesh Anand Bordoloi & Prannoy Joe Sebastian</i>	27
Climate Change and Its Impact on Muga, the Pride of Assam: A Legal Analysis <i>Bonani Deori</i>	41
Endemic Effect of Climate Change on the Ethnic Cuisines Of Assam <i>Daisy Changmai & Juri Goswami</i>	61
Vulnerability and Climate Change: An Analysis of West Bengal, India <i>Dibyendu Sen</i>	74
Climate Change and Migration: Human Rights Challenges <i>Kheinkor Lamarr</i>	97
Climate Change and Human Rights: A View on the Key Emerging Issues <i>Mayashree Gharphalia</i> <i>Dr. Diptimoni Boruah</i>	115
Global Climate Change Negotiations and Governance: An Evaluative Reflection <i>Nehal Tapadia</i>	124
Prospects and Potential of Climate Change Litigation in India Vis-À-Vis Role of Judiciary in Combating Climate Change <i>Prakhar Pandey</i>	142
Rights of Future Generations to a Clean and Healthy Environment: A Critical Appraisal of the Rights Jurisprudence <i>Saheb Chowdhury</i>	166
Vulnerabilities of Agriculture to Climate Change and Approaches to Address Food Security: With Special Emphasis on the State of Punjab, India <i>Swastik</i>	180
Jhum Cultivation Pattern at Gori Village Of Arunachal Pradesh: Juxtaposing Traditional Knowledge and Environmental Sustainability <i>Topi Basar</i>	190



DISADVANTAGED TRIBES OF INDIA: Regional Concerns

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About the Book

As India industrialised, the tribals have been losing their homes and livelihoods due to development projects, dams, mining, etc. for the benefit of non-tribals. The tribal regions in India are blessed with abundant natural resources but these natural resources are being diverted to the interest of non-tribal development. On close examination, we can easily state that it has been the state, market and even civil society that are the reasons for the disadvantage of the tribes.

Most of the chapters in this volume are micro-level studies with reference to a particular region or a tribe. However, the chapters in part one of this volume deal with policy concerns at national level. The tribal issues discussed in this volume are culture, development, globalisation, health, identity politics, language, policy, poverty, violence and women, with reference to a particular region or with a specific tribe. While building various arguments on the issues concerned, one can connect the role of state-market-media in the forefront, either directly or indirectly. Therefore, the interconnection and role of these three would always be debated while discussing tribal issues in the Indian context. Overall the book tries to present a comprehensive analysis on the reasons for tribal exclusion in India.

Contents

Introduction / V. Srinivasa Rao

Part I – Tribal Policy: Few Concerns

1. What Disaggregated Data Informs Tribal Policy: Insights for Inclusive Development / Vineetha Menon
2. Nehru, Elwin, and the Sixth Schedule: The Making of Tribal Policy in Postcolonial India / Sajal Nag
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5. An Anthropological Reading of Fiction Writings: Reflections on Tribal Policy in Globalisation Context / N. Sudhakar Rao
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Part III – Region and Religion: Exclusion or Inclusion?

10. Quest for a Karbi Homeland: Memory, History, and Politics / Dharamsing Teron

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Part IV – Globalisation: A Shadow?

14. Development and Threats in Tribal Areas in the Name of Globalisation: Who are We if not Tribes? / Akanksha Tirkey

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Edited by
M. Amarjeet Singh



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Contents

List of tables

List of contributors

Preface

Introduction

M. Amarjeet Singh

Section I Understanding autonomy

1 The Sixth Schedule to the constitution of India: Emergence and development

Jangkhongam Doungel

2 Revisiting the Sixth Schedule and the demand for separate states in Northeast India: A paradox of political autonomy

Mayengbam Nandakishwor Singh

3 State within a state: Analysing the issues and challenges of autonomous councils

Ashutosh Tripathi and Gautam Kumar

Section II Autonomy and electoral politics

4 Contextualising democratic governance in Bodoland: Changes and challenges

Ankur Jyoti Bhuyan, Tarun Gogoi and Partha Pratim Borah

5 Challenging predicaments of electoral politics of an autonomous district council: The case of Bodoland Territorial Area District (BTAD), Assam

Nironjon Islary

6 The working of the autonomous district councils in Manipur in theory and practice

Thangkhanlal Ngaihte

Section III Traditional institutions, autonomy movement and cooperatives

7 Traditional institutions, state recognition and democracy in Sikkim: Reconciling tradition with modernity

Durga Prasad Chhetri

8 Subject and citizen: The autonomy question and Dzumsa in Sikkim

Sunil Pradhan

9 The crisis within: Can the autonomous district councils survive in Meghalaya?

A futuristic, monochromatic industrial scene. In the center, a large, glowing globe is surrounded by a complex network of pipes, machinery, and structural elements. The scene is overlaid with a grid pattern, suggesting a digital or data-driven environment. The overall aesthetic is clean, technical, and high-tech.

Artificial Intelligence and the Fourth Industrial Revolution

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edited by

Utpal Chakraborty | Amit Banerjee
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Contents

Preface

xiii

SECTION I AI IN INDUSTRY 4.0

1 Computer Vision–Based System for Automation and Industrial Applications	3
<i>Huan Ngoc Le, Ngoc Vuong Bao Tu, and Narayan C. Debnath</i>	
1.1 Introduction	4
1.2 Previous Research	6
1.3 AOI System Application on a Scanning Machine	8
1.3.1 Detecting Rubber Keypads Defects on a Scanning Machine	8
1.3.2 Theoretical Framework, Materials, and Methods	11
1.3.2.1 Mobile image processing unit	11
1.3.2.2 Image calibration	11
1.3.2.3 Image segmentation	19
1.3.2.4 Automatic defect detection algorithm	21
1.3.2.5 Results and discussion	28
1.4 AOI System Application on Electronic Boards	30
1.4.1 Detecting Defects on Electronic Boards	31
1.4.2 Theoretical Framework, Materials, and Methods	32
1.4.2.1 Mobile image processing unit	32
1.4.2.2 Image calibration	33
1.4.2.3 Editing and automatic defect detection algorithm	34
1.4.2.4 Result and discussion	37
1.5 Conclusions	40

2 Opportunities and Challenges of the Fourth Industrial Revolution	45
<i>Poonam Jindal and Rakesh K. Sindhu</i>	
2.1 Introduction	46
2.2 Evolving Fields in the Fourth Industrial Revolution	47
2.3 Artificial Intelligence: Technology Driving Change	48
2.4 Relationship between Artificial Intelligence, Deep Learning, and Machine Learning	50
2.4.1 Machine Learning	50
2.4.1.1 Types of machine learning	51
2.4.1.2 Types of reinforcement learning	52
2.4.1.3 Applications of reinforcement learning	52
2.4.2 Deep Learning	53
2.4.2.1 Role of deep learning in big data	53
2.4.2.2 Deep learning applications for big data analytics	54
2.5 AI Challenges by Potential Environmental Areas	55
2.5.1 Climate Modeling	56
2.5.2 Clean Oceans	57
2.5.3 Water Preservation	57
2.5.4 Weather and Disaster Management	58
2.6 Emerging Technologies	58
2.6.1 Key Drivers	59
2.6.1.1 Digitization/integration of value chains	60
2.6.1.2 Digitization of product and service offerings	61
2.6.1.3 Digital business models and customer access	63
2.7 The Role of Robotics in the 4IR	65
2.7.1 Applications of AI and Robotics	66
2.8 Conclusion	68
2.9 Future Scope	69
3 Role of AI in the Advancement of Drug Discovery and Development	73
<i>Shantanu K. Yadav, Poonam Jindal, and Rakesh K. Sindhu</i>	
3.1 Introduction	74

3.2	Artificial Intelligence	75
3.3	Machine Learning and Deep Learning in Artificial Intelligence	76
3.4	Application of Machine Learning in Pharmaceutical Science	77
3.4.1	Disease Identification and Diagnosis	77
3.4.2	Drug Discovery and Manufacturing	77
3.4.3	Smart Electronic Health Records	77
3.5	Building an AIF	78
3.6	Classification of Artificial Intelligence	79
3.6.1	Type 1	79
3.6.2	Type 2	80
3.7	General Aspects of AI	81
3.7.1	AI Use in Drug Development: R&D Proficiency	82
3.7.2	Application of AI in Drug Designing	83
3.7.2.1	Protein-protein interaction modeling	85
3.7.2.2	Virtual screening	86
3.7.2.3	Quantitative structure-activity relationship	87
3.7.2.4	Assessment of ADME	89
3.7.2.5	Drug repurposing/drug reposing	90
3.7.2.6	De novo drug design	91
3.8	Challenges and Limitations of AI	96
3.9	Conclusion	97

SECTION II INTERNET OF MEDICAL THINGS (IoMT)

4	Internet of Health Things: Opportunities and Challenges	105
	<i>Emeka Chukwu, Lalit Garg, and Ryan Zahra</i>	
4.1	Introduction: Health System	106
4.1.1	Health Information Revolution	106
4.1.2	Health Workforce and Task Shifting	107
4.1.3	Digitization: Hope, Hype, and Harm	107
4.2	Internet of Health Things	108
4.2.1	Opportunities	110
4.2.2	Applications	111
4.2.3	Describing a Maternal Health Use Case	112
4.2.4	Challenges	115
4.2.5	Limitations	115

4.3	Modeling an IoHT	116
4.3.1	Service Implementation	116
4.3.2	Electric Power Module	118
4.3.3	Networking Module	120
4.3.4	Server Architecture	120
4.3.5	Application Module	124
4.3.6	User Journey	125
4.4	Conclusion and Future Perspective	126
5	Internet of Things for Smart Healthcare and Digital Well-Being	133
	<i>Niloy Sarkar and Amitava Das</i>	
5.1	Introduction	133
5.2	Internet of Things	135
5.3	Technologies behind IoT	139
5.3.1	Cloud Computing	139
5.3.2	Sensors	140
5.3.3	Location	141
5.3.4	Communication	141
5.3.5	Identification	141
5.4	Healthcare and the Internet of Things	142
5.5	Internet of Things for Health	143
5.5.1	Digital Wellness	144
5.5.2	Continuous Health Monitoring	144
5.5.3	Easy Way of Continuous TREWS	144
5.6	Integration of Different Disciplines of Science toward Better Application of AI and IOT	147
5.7	AI: Major Areas of Application in the Health Field	147
5.8	Present Applications of AI in Healthcare	148
5.9	Conclusion and Future Work	149
6	Automated Chatbots for Autism Spectrum Disorder Using AI Assistance	153
	<i>Vamsidhar Enireddy, Karthikeyan C., and Ramkumar J.</i>	
6.1	Introduction to Autism	154
6.1.1	Need to Study Autism	155
6.1.2	Identification Symptoms	156
6.1.3	Challenges Faced in a Community	157

6.1.3.1	Challenges in verbal communication	157
6.1.3.2	Challenges in nonverbal communication	158
6.2	Behavior of Autistic Children	158
6.2.1	Reasons for Autism	158
6.2.2	Other Reasons That Contribute to ASD	159
6.2.3	Negligence during Pregnancy	159
6.2.4	Formative Screening Assessment	159
6.2.5	Exhaustive Diagnostic Evaluation	160
6.2.6	Associated Medical and Mental Health Conditions	160
6.3	Financial Burden on the Families and Effect on the Economy of a Country	161
6.3.1	World Status on Autism	162
6.4	Artificial Intelligence and Machine Learning	163
6.4.1	Machine Learning	163
6.4.2	Interchange of AI and Machine Learning	166
6.5	Autism, AI, and Machine Learning	167
6.5.1	JIBO-Human ROBO	168
6.5.2	Autism Study Using ROBO	169
6.5.3	Autism Prediction Using ML Algorithms	170
6.5.4	Chatbot	171
6.5.4.1	Algorithm to create a simple chatbot	173
6.5.4.2	Process to create a chatbot	173
6.5.4.3	Framework of the chatbot	174
6.5.5	Role of AI Chatbots	176
6.5.6	Chatbot Model	177
6.5.6.1	Creating a chatbot for diagnosis	178
6.5.6.2	Creating a simple text chat	179
6.5.6.3	Creating a dashboard and a 3D chatbot model	183
6.6	Conclusion	183
6.7	Future Scope	184
7	Emergence of Artificial Intelligence and Its Legal Impact	191
	<i>Amol Deo Chavhan</i>	
7.1	Introduction	191
7.2	What Is Artificial Intelligence?	193

7.3	Why Artificial Intelligence Is Necessary for Study?	195
7.3.1	Jurisprudence Analysis of Artificial Intelligence	196
7.3.2	AI Technologies and Liability	198
7.4	Rights, Duties, and Liabilities of the AI Inventor	200
7.4.1	Ethical Responsibilities	204
7.4.2	Criminal, Civil, and Constitutional Responsibility of the Inventor and AI	208
7.5	Civil Remedies under the Law of Torts	210
7.5.1	Principle of <i>Res Ipsa Loquitur</i>	211
7.5.2	Compensation under the Law of Tort	212
7.5.2.1	General damages	213
7.5.2.2	Special damages	213
7.5.2.3	Common principles for the contemplation of damages	213
7.5.2.4	Standard principles for granting any damages	214
7.6	Liability under Criminal Law	215
7.7	Challenges Ahead	215
7.8	Conclusion	216
8	Jurisprudential Approach to Artificial Intelligence and Legal Reasoning	219
	<i>Arup Poddar</i>	
8.1	Introduction	220
8.2	History and Origin of Artificial Intelligence and Law	224
8.3	Types of Nonhuman Computational Capabilities	226
8.4	Introduction of Artificial Intelligence to Law	230
8.5	Do We Have Any International Regulation on Artificial Intelligence?	235
8.6	Should Artificial Intelligence Be Taught to Law Students?	239
8.7	Story of IBM's Watson and Law Firms	243
8.8	ROSS: A New Venture of AI	245
8.9	Law Practicum and Artificial Intelligence	248
8.10	Methods of Computation for Developing Reasoning with Legal Rules and Cases	248
8.11	Scheme of Argument and Legal Reasoning	251
8.12	Reasoning with Open-Textured Texts	252

8.13 Reasoning with Cases, Hypothetical Situations, and Precedence Citing	253
8.14 MOOCs: Is It an Example of an Intelligent Tutorial System Coupled with Ethics?	254
8.15 What Future Do We See of Legal Reasoning Associated with Artificial Intelligence?	255
8.16 Conclusion	257
9 Legal Ethical and Policy Implications of Artificial Intelligence	263
<i>Subir Kumar Roy</i>	
9.1 Introduction	263
9.2 Genesis and Concept of AI	264
9.3 Ethics and Artificial Intelligence	267
9.4 AI and Its Challenges	269
9.5 Issues of Human Rights, Governance, and AI	272
9.6 Destiny of Humanity in the World of AI	278
9.7 Laws and Policies Related to AI	280
9.8 Concluding Remarks	284
<i>Index</i>	289

Preface

This book presents the overall technology spectrum in artificial intelligence (AI) and the fourth industrial revolution that, as we know it, is set to revolutionize the world. The book covers case studies from industry, academics, administration, law, finance and accounting, and educational technology and will be useful for CEOs, entrepreneurs, and university VCs as well as for the vast workforce and students with technical or non-technical backgrounds. The contributing authors are experts in the field and have, from the many interesting topics, focused on gesture recognition prototype for specially abled people, jurisprudential approach to AI and legal reasoning, automated Chatbot for autism spectrum disorder using AI assistance, Big Data Analytics and IoT, role of AI in advancement of drug discovery and development, opportunities and challenges of the fourth industrial revolution, legal ethical and policy implications of AI, Internet of Health Things for smart healthcare and digital well-being, technologies, architecture and opportunities, Internet of Health Things—opportunities and challenges, machine learning and computer vision, computer vision-based system for automation and industrial applications, AI-IoT in home-based healthcare—an effective model for low cost healthcare, and AI in super precision human brain and spine surgery, in this book.

The book covers comprehensive theoretical, methodological, well-established, and validated empirical examples and are of interest for a very vast audience from basic science to engineering and technology experts and learners. It can also be used as a textbook for engineering and biomedical students or science

master's programs as well as for researchers. It also serves common public interest by presenting new methods to improve the quality of life in general, with a better integration into society.

Utpal Chakraborty

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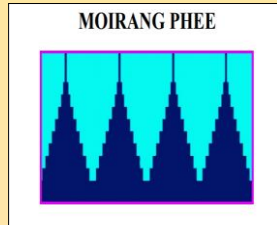


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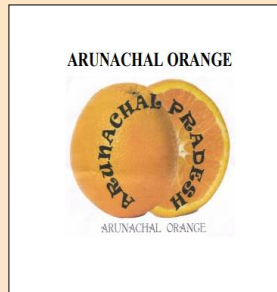
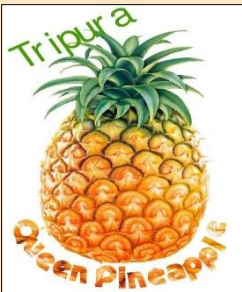
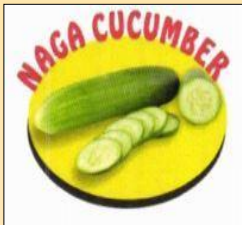
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HANDBOOK ON THE GEOGRAPHICAL INDICATIONS (WITH SPECIAL FOCUS ON NORTH-EAST REGION)



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INVALUABLE TREASURES OF INCREDIBLE INDIA



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This handbook is a Free Edition for the benefit of
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CONTENTS

About the handbook

Table of Abbreviations

A.	Introduction	1
1.	What are Geographical Indications?	2
	Some of the registered GIs of Foreign Jurisdictions	13
	Some of the registered GIs of North East Region	23
2.	Why should Geographical Indications be protected?	29
3.	Who can protect Geographical Indications?	31
4.	How can Geographical Indications be protected?	31
5.	What types of goods can be protected by Geographical Indication Act?	36
6.	For how long Geographical Indications can be protected?	37
7.	Who can be an 'Authorised User' of Geographical Indication?	38
8.	Can we use the registered Geographical Indication of others?	39
9.	What are the rights given to Registered Proprietors and Authorised Users?	40
10.	What acts constitute the infringement of a Geographical Indication tag?	42

11.	What is the fee payable to get Geographical Indication registered?	43
12.	Where to apply for Geographical Indication?	43
13.	Whom should I contact for assistance?	44
14.	Do I need to pay any fees for seeking assistance?	45
15.	Is Geographical Indication a collective right?	46
B.	Classification of goods	48
C.	Success Stories of Geographical Indication Registrations	56
1.	Idu-Mishmi Textile of Arunachal Pradesh	56
2.	Arunachal Orange of Arunachal Pradesh	68
3.	Muga Silk of Assam	79
4.	Assam (Orthodox) Tea	87
5.	Shaphee Lanphee of Manipur	105
6.	Chak-Hao of Manipur	116
7.	Khasi Mandarin of Meghalaya	127
8.	Memong Narang of Meghalaya	135
9.	Mizo Puanchei of Mizoram	145
10.	Mizo Chillii of Mizoram	156
11.	Naga Tree Tomato	166
12.	Chakhesang Shawl of Nagaland	176

13.	Sikkim Large Cardamom	190
14.	Dalle Khursani of Sikkim	203
15.	Tripura Queen Pineapple	213
D.	Unsuccessful Stories of Geographical Indication Applications	223
1.	Sarthebari Bell Metal Crafts	223
2.	Tripura Jackfruit	230
E.	Specimen Form - How to fill Application Form for getting Geographical Indication Registration	236
F.	Form GI 31A - Specimen Authorized User Form (Unfilled)	246
G.	Specimen Certificate	247
H.	Registered Geographical Indications of North Eastern Region of India	248
I.	Registration Details of Geographical Indications	266
J.	Simple FAQs on Geographical Indications	304
K.	Spatial Depiction showing GIs of NER of India, as of January 2022	314
	End Notes	316



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