

- 1. Concept and Strategies Toward Sustainable Rural Development** **1**
Archana Negi
- 2. Community Radio as an Alternative Tier of Broadcasting: Scripting a New Role for Development** **8**
Arpita Sharma
- 3. Cyber Extension: A New Extension Approach for Sustainable Rural Development** **26**
S.K. Badodiya and S.K. Garg
- 4. Extent of Adoption of Recommended Water Management Practices by the Beneficiary Farmers of Participatory Irrigation Management Society of Mehsana District, Gujarat** **36**
J.K. Patel and M.R. Prajapati

5. **Role of ICT in Higher Education and its Challenges in Developing Nations** 46
Anup Prakash Upadhyay, Gaurav Papnai and Biswajit Lahiri
6. **Agricultural and Sustainable Development Models** 58
Ganesh Prasad Pokhariyal
7. **Indigenous Technical Knowledge (ITK) for Sustainable Agriculture Development in Chhattisgarh** 69
Poonam Prajapati, Sonu Fartyal and Gulehayat
8. **Using Information and Communication Technologies for Agricultural Extension in India** 79
Kiran Arya, M.A. Ansari and Manmeet Kaure
9. **Emerging ICTs and their Potential in Fortifying Small Scale Agriculture in India** 90
Choudhary Kuldeep and Lathiya Amit
10. **Sustainable Rural Development through Forward and Backward Integration and Technological Intervention in India** 103
Madhur Jain
11. **Animate Energy in Mountain Agriculture: Women's Critical Role in Food Production in the Central Himalayas** 113
Vir Singh
12. **Utility of Mass Media in Agriculture Extension** 126
Mukesh Kumar
13. **Sustainable Agriculture: A Pathway for Poverty Alleviation** 143
Raj Kumar Patel, Manish Kumar Singh, Kamala Kant and Neelima Patel
14. **Expert System: An Effective Tool for Knowledge Management in Agriculture** 153
Manmeet Kaur, Neelam Bhardwaj and Kiran Arya

15. **Adoption and Large Scale Plantation of *Populus deltoides* under Agroforestry in Vaishali District of Bihar** 165
Aditya Kumar, Rameshwar Das and B.K. Mishra
16. **Adoption of Tribal and Non-Tribal Farmers about Coriander Production Technology** 177
D.K. Meena, L.S. Bareth, B.S. Badhala and H.L. Jat
17. **Adoption of Pulses Production Technology in Arid Region of Rajasthan** 183
B.S. Badhala, L.S. Bareth and Hanuman Lal
18. **Extent of Adoption of Soil and Water Conservation Practices by the Farmers in Watershed Development Project Area** 189
B.M. Thombre, I.M. Tamboli and J.V. Mande
19. **Agroforestry and Livestock in the Development of Sustainable Mountain Agriculture** 197
Akanksha Rastogi, Bipin Kumar, J.C. Badola and Mohan Singh
20. **Communicational Attributes of the Recommended Cauliflower Growers** 205
Mukesh Soni, K.K. Shrivastava and Lekh Ram Verma
21. **Mobile Telephony: Catalysing Agriculture and Rural Development in India** 212
Neha Pandey and M.A. Ansari
22. **Role of Community Radio in Rural Development in India** 224
Saket Raman and Amita
23. **Adoption Behaviour of Improved Cultivation Practices for Pigeonpea Growers: A Study of Jaunpur District, U.P.** 232
Sandeep Kumar, S.K. Kannaujia, A. Kar and T. Singh
24. **Communication Behaviour of Rural Women towards Traditional Health Care Management of Common Infant Diseases** 237
Sharada, Indira Bishnoi and Ram Jiyawan

25. **Mobile SMS as Tool of Agri-Information for Hill Farmers of Uttarakhand: An Analysis** 253
Sushrut Chauhan and Indraneel Ghosh
26. **Trends in Agricultural Extension: A Panorama** 273
Birendra Kumar
27. **Participatory Rural Appraisal for Sustainable Rural Development** 285
B.B. Singh
28. **Community Radio Pantnagar: An Experiment of Development Support Communication** 293
S.K. Kashyap and Gaurav Papnai
29. **Communication Centre of Pantnagar University: A Unique Model of Communication Intervention for Education and Development** 300
Vir Singh and Neelam Bhardwaj
30. **Impact of Community Radios in Rural Development: An Overview** 306
Pankaj Kumar Ojha and Kalyan Ghadei
31. **An Initiative in Private Public Partnership by Indo-Dutch Horticulture Technologies Pvt. Ltd.: A Study of Constraints and Opportunities** 313
Aakansha Melkani, Mamta Rautela, Goldi Tiwari and S.K. Kashyap