

Contents

Preface

v

1. New Scheme for Identity Management in Vehicular Ad Hoc Networks	1
<i>Nidhi S. Kulkarni, Indra Gupta and Balasubramanian Raman</i>	
2. Mobility Management: Trends and Challenges	6
<i>Harsha Bhute, Kishor Sadafale and Avinash Bhute</i>	
3. TCL Script Generator and Animator for Network Simulator	13
<i>Ashwin Sirahatti, Mohammad Zabiulla, Ajit M. Hunsur and Monica R. Mundada</i>	
4. Mesh Based Multicast Routing Protocol in Mobil Ad-Hoc Networks	17
<i>Rajashekhar C. Biradar, Sunilkumar Manvi and Myalara Reddy</i>	
5. Network Security Using Cryptography	23
<i>Akansha A. Pilley, Nivedita Naidu and N. G. Bawane</i>	
6. Multiple Cores Based Multicast Routing Scheme for Mobile Ad Hoc Networks by Using Swarms	29
<i>S. S. Manvi and Bharati D. Shirodkar</i>	
7. Secured Authentication in Wi MAX MAC Layer: A Threshold Cryptography Approach	35
<i>M. N. Birje and D. P. Mankame</i>	
8. A Tool for Multimedia Bandwidth Requirement Characterization	39
<i>Sandeep Kugali, S. S. Manvi and A. V. Sutagundar</i>	
9. Performance Analysis of QoS Based MAC DCF Protocol in Wireless Networks	45
<i>Sharanabasavaraj H. Angadi, S. S. Manvi and Suvarna Kanakaraddi</i>	
10. Quantum Cryptography: An Unconventional Approach to Privacy	48
<i>Meenal A. Borkar and Kanchan M. Bhale</i>	
11. A Review of Vertical Handoff in 4G Wireless Networks	53
<i>S. V. Saboji and C. B. Akki</i>	
12. Multilevel Information Security over Internet through Video	59
<i>K. Krishnamoorthy, B. Latha and U. Muthaiah</i>	
13. Game Theory in Wireless Ad Hoc Networks: A Survey	63
<i>Mallikarjuna M., Sunilkumar S. Manvi and Atul Negi</i>	
14. Active Patch Array Design and Indoor Channel Modeling for Future Wireless Communications	70
<i>P. Siddaiah, D. S. Ram Kiran and G. Dharmendra Naik</i>	
15. An Improved Deactivation/Reactivation Protocol in CDN Using NS2 Open Source	76
<i>Govardhan Hegde K. and Ramakrishna B. B.</i>	
16. Virtual Disk Space Clustering: Design of Clustered Servers for Storage Management	78
<i>Prema S. Desai and Deven. M. Thakore</i>	
17. Wireless Solution for Private Network Security	82
<i>Gururaja H. S. and M. Seetha</i>	

18. Vehicular Traffic Congestion Controller and Management Using VANETS	86
<i>Swarnalatha Srinivas and G. Narendra Kumar</i>	
19. Call Admission Controller for M-Commerce Using BDI Architecture	92
<i>Nandini Sidnal and S. S. Manvi</i>	
20. Microstrip Antennas for Wireless LAN Applications	96
<i>D.S.Ramkiran, G. Dharmendra Naik, Anil Krishna Kodali and K.V. B. K. Prasad</i>	
21. Routing Protocols for Wireless Sensor Networks	102
<i>Sreedevi N and Alpha Vijayan</i>	
22. A Study of Quality of Service in High Speed Networks- ATM Networks	105
<i>G. S Sunitha and Suresh Chandra Mohan</i>	
23. Security in Ad Hoc Networks Using TKIP	108
<i>Nandini Prasad K. S.</i>	
24. Web Usage Mining: An Overview from Web Researcher's View	114
<i>Suneetha K. R. and R. Krishnamoorthy</i>	
25. A Multi-Tracker Bit Torrent for Mobile Ad hoc Networks	119
<i>Mamatha V.</i>	
26. Agricultural Field Information Monitoring System Using Wireless Sensor Networks	122
<i>Madhukar Shedthikere Prabhakara, Amit Raj and Vijaya Kumar B.P.</i>	
27. Analysis of Network Reconfiguration Protocols	127
<i>Anjali A. Shejul and Shubhangi Sapkal</i>	
28. Performance Analysis and Comparison of MANET Routing Protocols with ns-2	132
<i>Shilpa J, Shruthi T.S, Dilip Kumar S.M., Vijaya Kumar B.P, Hemant Kumar G.</i>	
29. Mobile Agent Based Topology Discovery in Mobile Ad Hoc Networks (MANETs)	138
<i>V. S. Bennur, Pranaw Kumar, S. S. Manvi and M. S. Kakkasageri</i>	
30. A Study of Multimedia Data Mining and its Relevance Today	144
<i>Girish G.S., Umesh I.M., Sathish H.G. and Harish Gopala</i>	
31. An Adaptive Energy Efficient MAC Protocol: SMAC-Performance Analysis and Improvements	149
<i>Venkatesh, S. H. Manjula, Smitha Shekar B. and Shamshekhkar S. Patil</i>	
32. Energy Efficient Clustering for Sensor Networks	158
<i>Veena K.N. and Vijaya Kumar B.P.</i>	