



CONTENTS

1. Reconstruction of 3d Models From 2d Images	A. Srinivasa Rao 1-4 P. Srinivasa Rao & R. P. S. P. Veerraju
2. An Integration and Optimization of Ogg Vorbis Decoder on ARM Platform	P. Santhosh Kumar & 5-9 Mohd. Obaidullah Khan
3. Cloud Computing - The Effective Technology for Implementation of E-governance Projects in Maharashtra	Sunil K. Nikam 11-12
4. Applications of Active Crop Sensor for the Variability of Nitrogen Supply on Sugar Cane	G. Nagaraju and 13-17 M. Rajanikanth
5. Cyber Terrorism and Cyber Deception: The Dark Side of the Web World	S. Sri Harsha 19-22 Krishna Keerthi, CH & V. Pavani
6. Digital Watermarking Technique using 3 level DWT	V. Mary Sumalatha 23-27 K. V. Lakshmi and K. V. Ramani
7. E-learning - the Magic wound which Improves Teaching-learning Process in Education and Business	Anuprita H. Shinde 29-32
8. Evolution and Structure of Linguistics	Nandita Bhanja Chaudhuri 33-37 Y. S. Kumaraswamy & Sangeeta Bhanja Chaudhuri
9. Real Time Vision for Intelligent Vehicles	T. Sandhya and 39-43 K. Raga Sailaja



Indian Journal of
INFORMATION AND COMMUNICATION TECHNOLOGY

VOLUME 3

NUMBER 2

JULY-DECEMBER 2013

Contents

Recognition of Urdu Character with HMM Technique	<i>Yunus Khan and Devendra Singh Kaushal</i>	45-49
Extraction of Noise for Equalization Problem from Video Signal by Using Neural Networks	<i>Satinderjit Kaur</i>	51-53
Data Summarization using Maximal Marginal Relevance Method	<i>Sandeep Kumar Mathariya Vishakha Soni, Anand Sen & Ranu Soni</i>	55-58
Basic MAC Schemes for Developing Ad-Hoc Network	<i>W. U. Khan & Swati Bhagoria</i>	59-62
Text Extraction from Images with Complex Backgrounds	<i>Balasaheb S. Tarle and G. L. Prajapati</i>	63-67
Text to Speech Synthesis Using "Syllable" Concatenation	<i>Minakshee. M. Patil</i>	69-72
Secured and Self-adjusted Checkpointing Algorithm in a Distributed System	<i>Prateek Mishra M. K. Shukla & C. L. Mittal</i>	73-77

Indian Journal of **Information and Communication Technology**

Volume 4 • Number 1 • January-June 2014

CONTENTS

An Overview of Quality of Service Computer Networks	<i>Amandeep Kaur</i>	1-5
Performance Evaluation of Subthreshold Adders	<i>P. Raghuram & S. Ramasamy</i>	7-12
Performance Analysis for Optimization of Vertical Hand-off in Heterogeneous Wireless	<i>Anubhuti Khare, Manish Saxena & Bhagawati Patil</i>	13-17
Determine Cohesion and Coupling for Class Diagram Through Slicing Techniques	<i>Akhilesh Kumar & Sunint Kaur Khalsa</i>	19-24
Fuzzy Based Filtering for Suppression Impulse Noise in Colour Images	<i>P. Venkatesan</i>	25-32
An Overview of Flooding Issues and Flooding Techniques in All-optical Networks	<i>M. Arunachalam</i>	33-38
Heterogeneous LEACH Communication Protocol for WSN	<i>Ashish Bansal, Vijay Kumar & Nitin Mittal</i>	39-45
Improving Throughput in Real-time Simulation of High Speed TCP Protocols	<i>Kavidha V. & Sadasivam V.</i>	47-55

Indian Journal of **INFORMATION AND COMMUNICATION TECHNOLOGY**

Volume 4 • Number 2 • July-December 2014

CONTENTS

- Disaster versus Crisis Management: Recovery Strategies for Tourism Industry 57-69
Fragouli Evaggelia
- Impact of External Sector Reforms on Current Account Balance of India 71-78
N. Kubendran
- Determinants of Life Insurance Demand in India in the Post Economic Reform Era (1991-2008) 79-96
Debabrata Mitra & Amlan Ghosh
- A Study on Stress Management in the ECC Division of Larsan & Toubro Limited, Chennai 97-104
S. Dhinesh Babu, S. Christina Sheela, K. Rajalakshmi & G. Sivanesan
- Effects on Advertising Strategies in Textile Shop Advertisements – With Special Reference to Tamilnadu 105-110
N. Sundaram
- Determinants of Public Expenditure: A Survey Article 111-128
Moon Moon Hussain & P. Srinavasa Suresh
- Size and Determinants of Capital Structure in the Indian Manufacturing Sector 129-139
S. Chandrakumarmangalam & P. Goyindasamy
- ICT Resource Support Availability, Utilization and Proficiency Skills Among University 141-148
Libraries: LASU Experience
Aina, Adebawale J., Adebawale, Tayewo & Ogundipe, Titi. C.
- Quality of life improvement of elderly people: tasks of social welfare 149-152
Jadwiga Daszykowska
- Information and Communication Technology (ICT) in the Management of Education 153-163
for Sustainable Development in Nigeria
Chinelo O. Duze
- Cultural Diversity in Nigerian Universities: Implication for Improved Governance 165-174
Anne I. Fabiyi & Simeon A. Oladipo
- Curriculum Improvement for Future Relevance: An Eye on Tomorrow in 175-181
Nigerian Secondary Schools
Rosita O. Igwe, Ngozi E. Uzoka & Saheed A. Rufai

The Challenges Facing Bachelor of Education School Based Programme Students 1
Satisfaction on the Use of ICT: A Case of Moi University, Kenya

David Kipkasi Kessio, Nyaga Jonah Kindiki, John Mugun Boit & Zachariah K. Kosgei

ICT and Nigerian Educational Leaders: Assessment of Strategies for Integrating 1
Computers into Colleges of Education Curriculum

Obunadike, Joy Chinwe

CONTENTS



Indian Journal of INFORMATION AND COMMUNICATION TECHNOLOGY

Vol. 5

No. 1

January - June 2015

Contents

Analysis of Affective Speech for Attitude Prediction of Speaker: Experimental Study and Design	A. R. Panat & V. T. Ingle	1-11
New Perspectives of Soft Computing and Fourier Transform in Industrial Applications	S. K. Lenka, Sasmita Nayak & S. S. Nayak	13-20
Secure Protocol for Efficient BPEL Data Exchange	P. Sumathi & M. Punithavalli	21-28
An Aspect-Based Language Library Model for Multilingual Software	V. Prasanna Venkatesan & S. Kuppaswami	29-46
A Novel Approach of Data Mining with On-line Analytical Processing	S. Santhosh Baboo & S. Sivakumar	47-54



Indian Journal of Information and Communication Technology

• Volume 5

• Number 2

• July-December 2015

CONTENT

1. Context Disambiguation in Web Search Results using Clustering Algorithm 55-59
• *Jyoti Bhagwani and Kapil Hande*
2. Comparison of Data Encryption Algorithms 61-63
• *Simar Preet Singh and Raman Maini*
3. Bluetooth: Real Edge over IrDa 65-68
• *Priyanka and Pawan Kumar*
4. Secure Transmissions - A Study on the Challenges Faced 69-72
• *V. Nandakumar, E.R. Naganathan and S.S. Dhenakaran*
5. Dynamically Updating the Message-passing in Distributed Systems [Distributed Applications] 73-78
• *Rajeev Kumar Sharma, Rupak Sharma and Shailendra Raj*
6. A Prototype for a Multimodal Biometric Security System Based on Face and Audio Signatures 79-83
• *Binsu C. Kovoov, Supriya M.H. and Poulouse Jacob*
7. Component Interaction from Software Architecture Recovery 85-88
• *Shivani Budhkar and Arpita Gopal*
8. Proper Technique of Software Inspection using Guarded Command Language 89-93
• *Neeraj Kumar*
9. Impact of Human Resource Management Strategies and Business Strategies in Indian Banking Sector 95-100
• *Ram Phool Sharma and Seema Mehlawat*

Indian Journal of INFORMATION AND COMMUNICATION TECHNOLOGY

VOLUME 6

NUMBER 1

JANUARY-JUNE 2016

CONTENTS

1. Modified MFCC Windowed Technique for Speech Recognition *Ibrahim Patel, Ashok Shigli & Y. Srinivas Rao* 1-5
2. Face Processing using Skin Detection Algorithms *S. P. Khandait & R. C. Thool* 7-11
3. Signal Perception Quality Enhancement Using Adaptive Equalizer *T. S. Jeyali Laseetha, R. Sukanesh P. Ajitha & M. P. Revathy* 13-16
4. An Effectual Algorithm for Fingerprint and Iris Recognition using Multimodal Biometrics *S. Valarmathy, S. Arumugam & V. Gomathi* 17-21
5. Detection and Protection of Attacks in MANET *Aneena Cherian, Parvathy. S. Riboy Cheriyan & Nisha Thankachan* 23-26
6. Efficient Patient Management & Blood Management System using RFID *Manjusha S. Kurzekar & R. W. Jasutkar* 27-29
7. An Agent Based System for Detecting Deafness in Infants *Caroline Mary & Shalini Christabel* 31-35
8. Minimum Bit Error Rate Channel Equalizer using Artificial Neural Network *Devi Rani Guha & Sarat Kumar Patra* 37-41



Indian Journal of
**Information and Communication
Technology**

Volume 6

Number 2

July-December 2016

Contents

1. Improved Tabu Search Algorithm to Economic Emission Dispatch with Transmission Line Constraint 43-47
 - *K. Senthil & K. Manikandan*
2. Design, Implementation and Evaluation of Grid Environment for DV to MPEG4 Video Conversion 49-53
 - *Jagpreet Sidhu & Sarbjeet Singh*
3. Miniaturization of Antenna Using Fractals 55-58
 - *Preeti Gupta & J.P.S Raina*
4. Various Controller Design and Tuning Methods for a First Order Plus Dead Time Process 59-63
 - *Pradeep Kumar Juneja, A K Ray & R Mitra*
5. Deadtime Modeling for First Order Plus Dead Time Process in a Process Industry 65-67
 - *Pradeep Kumar Juneja, A. K. Ray & R. Mitra*
6. Image Segmentation by Improved Watershed Transformation in Programming Environment MATLAB 69-72
 - *Manisha Bhagwat, R.K.Krishna & V.E.Pise*
7. A Novel Architecture of "Mixed Number System MAC Unit" for Digital Signal Processors 73-77
 - *Aniruddha Ghosh, Satrughna Singha & Amitabha Sinha*
8. An Expert System for Tourist Information Management 79-81
 - *Ritu Chauhan*
9. A Study on Mobile Internet Protocol and Mobile Adhoc Network Routing Protocols 83-87
 - *B. V. Manikyala Rao, D.Kavitha*
10. Photon Sources : Quantum Cryptography Challenge 89-92
 - *Anand Sharma & Vibha Ojha*