

International Journal of

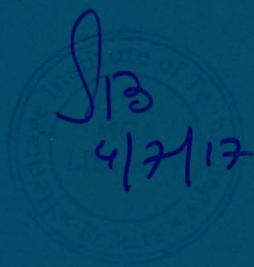
4421-1400

Bioinformatics and Soft Computing

Volume 7

Number 1

January-June 2017



Research Science Press (India)

INTERNATIONAL JOURNAL OF BIOINFORMATICS AND SOFT COMPUTING

VOLUME 7

NUMBER 1

JANUARY-JUNE 2017

Contents



1. Effectiveness of Galvanic Protection on the Reduction of Chloride Content in Concrete 1-8
*Hirudayasamy dolli, Bhavani, Rekha, Suresh,
Jeeva Rose and Mohanraj*
2. Dynamic Signal Transmission in Wireless Sensor Network using Sensible Power 9-16
*D. Ganesh Kumar, V. Parthasarathy, V.R. Vimal and
S. Rajasekaran*
3. Dry Sliding Wear Behaviour of Aluminium Alloy 6061-Redmud Metal 17-23
Matrix Composites by Stir Casting Method
*Palani S., Irudhayaraj R., Alagu Sundara Pandian A.,
Selvam M. and Shanmugan S.*
4. Design and development of industrial receiver gauge in coordinate measuring 25-38
machine for reducing inspection time
*Alagu Sundara Pandian A., Irudhayaraj R., Suresh K.,
Johnstephen R. and Palani S.*
5. Design of Nano Square Spiral Antenna in Terahertz Region for Solar Energy 39-43
Harvesting
*D. Ruban Thomas, P.G. Kuppusamy, B.G. Gopal,
V. Senthil Kumar*
6. Design of PSO Based KY Boost Converter to Reduce Output Ripple Voltage 45-52
*R. Senthil Kumar, S. Harshavardhan Naidu
S. Sri Krishna Kumar, Karthikeyan T., Balakumar A. and
Sathyanaarayanan M.*
7. Design of Communication System to Interact With the Dumb & Deaf and Home 53-62
Automation System Based on Hand Gesture Technology Using PCNN Algorithm
Anamika Tiwari and K. Mohana Sundaram
8. Design of Arithmetic Logic Unit Using 32-nm CNFET Technology 63-70
Babitha Lincy R., Sharmila P., Kalpana R. and Jenisha J.
9. Condition Monitoring and Numerical Simulation of Subsonic Jets using 71-78
Thermograph Analysis
John Stephen R., Stephen J., Palani S. and Selvam M.
10. Building Collapse Avoiding System Using Wireless Technology 79-83
*R. Senthil Kumar, Venkata Subbaiah Putta,
S. Harshavardhan Naidu, K. R. Sugavanam and A. Mohammed Ovaiz*