



**Managing Editor Board**

- ❖ Dr. B. D. Venkataamana Reddy  
Dept.of ECE, MITS, A.P, India
- ❖ Dr. Mohsin khan  
Rural Education and Development Foundation, Pakistan
- ❖ Dr. S.Sasikumar  
ANNA university, India
- ❖ Dr. P. Karthigaikumar  
Karunya University, India
- ❖ Dr. Rania Ahmed  
jazan university, Egypt
- ❖ Dr. Roukhe Hassane  
Ismac, Malaysia
- ❖ Dr. Aleksandr Cariow  
West Pomeranian University of Technology, Szczecin, Poland
- ❖ Dr. Swapnadip De  
Jadavpur University, India

**Contact Us**

Website URL : [www.iosrjournals.org](http://www.iosrjournals.org)  
Email : [Support@iosrmail.org](mailto:Support@iosrmail.org)



**Qatar Office:**

IOSR Journals  
Salwa Road  
Near to KFC and Aziz  
Petrol Station,  
DOHA, Qatar

**India Office:**

EHTP, National Highway  
8, Block A, Sector 34,  
Gurugram, Haryana  
122001

**Australia Office:**

43, Ring Road,  
Richmond Vic 3121  
Australia

**New York Office:**

8th floor, Straight hub,  
NS Road, New York,  
NY 10003-9595

IOSR-JVSP

**Contents :**

FPGA Implementation of Edge Detection using Modified Canny Edge and Adaptive Threshold	01-06
A High Performance Reconfigurable Data Path Architecture For Flexible Accelerator	07-18
Technologies beyond Moore's Law: Simulation results of Heuristic Model	19-30
Low-Power, High-Throughput and Low-Area Adaptive Fir Filter Based On Distributed Arithmetic Using FPGA	31-37
Identification of High-Risk Hardware Path-Delay Fault Locations and Evaluation of Their Impact	38-47
An Improvised Bottleneck Routing Algorithm for virtual Buffer based energy efficient NoC's	48-55
Design and Estimation of Power, Delay and Area for Parallel Adder in VLSI Circuits using 45nm Technology	56-65