

# LIST OF ACCEPTED PAPERS

## 1\_Agriculture and Food Processing

1. A fast and rapid method for determination of Caffeine in different tea samples [Deepak Singh Rajawat]
2. A Technical Device For Seed Coating [Koustubha Badkundri]
3. Design of PID Controllers using PSO Based Approach for Low Damping Plants [Nivedita P Wagh]
4. Development of Embedded Auto Feeder System for Fish Pond Management [Satish Bindal]
5. Development of Linux Based Smart Pond Management System [Sudheer reddy]
6. Development of Mobile Embedded System for Farm Sensing [B. A. Botre]
7. FM based irrigation system [Sebastian George]
8. Fuzzy support to calibrate soil for good fertilization [M. K. Bhanarkar]
9. Image Processing Algorithms for Detection of Surface Defects on Apples and Parallel Execution in Cluster [K.Kathiravan]
10. Modeling for correlation of moisture ratio with microwave power and processing time for microwave drying of bagasse [S. K. Shah]
11. Nondestructive Identification of Indian Tea Varieties using Electronic Nose [R Chauhan]
12. PXI and LabVIEW Based Sensing and Instrumentation for Soil Properties to Aid Precision Agriculture [Babankumar S Bansod]
13. Virtual Instrument For Smart Pond Management in Fresh Water Aquaculture [K.S.N.Rao]

## 2\_Automation and Management for Urban Water

1. Qualitative discrimination of drinking water using electronic tongue [AH Kiranmayee]

## 3\_Biomedical Instrumentation and Bioinformatics

1. A Diagnostic Approach for the Measurement and Comparison of QRS Complexes in Arrhythmia Patients [H.R Singh]
2. Analysis of CT and MRI images using Different Fusion Techniques [Swati Kumbhar]
3. Arrhythmia Analysis and Interpretation of ECG Signal [S.T.Sanamdikar]

4. Brain Computer Interface [Hemachander.N ]
5. Depth of Anesthesia monitoring by real time processing of Electroencephalogram [Rachana Pathak]
6. Design of PIC12F675 Microcontroller Based Data Acquisition System for Slowly Varying Signals [N. Monoranjan Singh]
7. Development and Evaluation of Authoring System of Drill & Practice e-Learning Modules for Hearing Impaired Students [Karim Q. Hussein]
8. Development of an Embedded System Aid For Weak Patients [Panjwani]
9. Effect of Contact pressure on Radial pulse [A.E Kalange ]
10. Effect of Spirometric Forced Expiratory Volume ratios  $FEV_1/FVC$  and  $FEV_1/FEV_6$  on transducer resistance [Mythili A]
11. Epileptic EEG analysis using wavelets for detecting seizure [Bandil Manoj Kumar]
12. Fuzzy Logic Based On Image Fusion for Medical Application [Polaiah Bojja]
13. Hot Spot Based Detection of Breast Cancer and Fibroadenoma from IR Thermographs [N.Selvarasu]
14. In-silico design of artificial biosensors on medium sized proteins [Raghunath Satpathy]
15. Measurement of Bite Force After the Treatment of Mandibular Angle Fracture [Vivek S. Rane]
16. Microcontroller Based Heart-rate Meter [S. Ananthi]
17. New approaches for ECG Data Compression techniques [Amita Shinde]
18. PC Based human stress analysis [A P Bhat]
19. Physics of Swine flu virus [Nandkumar M. Shetti ]
20. PSoC based ECG System [Ch. Ramesh Babu]
21. Real- Time Monitoring of Heart sound Using MEMS Acoustic Sensor [Sharvan Pahuja]
22. Simulink based approach of Digital Filter for Electrocardiogram [S. K. Jagtap]
23. Study on Detection of Ethanol Using a Biosensor [Arundhati Radhakrishnan]
24. Study on Microwave absorption of Biological Tissues-Mobile phone hazards [Nandkumar M. Shetti]

## **4\_Building Automation**

1. Low Cost Interactive Voice Response System for Home Automation [C C Dharmani]
2. Unattended Installation and UN installation of Softwares Remotely[Minal Zope]
3. Study of middleware usage in USB based Home Network Automation under java enabled environment [S. Elango]

## **5\_Chemical and Pharmaceutical**

1. Assessment of Heavy Metals in Multivitamin Tablet By Differential Pulse Anodic Stripping Voltammetry [Kumar Rohit Raj]
2. Pharmaceutical Application of Differential Scanning Calorimetry A Critical Review [Akhilesh V Singh]
3. Reactive Distillation Technology for Cleaner Production of Industrial Chemicals [Kiran D. Patil]

## **6\_Communication Instrumentation**

1. A Performance Study of Channel coding system in GSM Communication [S.R.KalpanaDevi]
2. Analysis and software implementation of PID controlled higher order PLL for FM transceiver [K. Kalitaa]
3. Auto Configure Ethernet Cable Tester with Master Slave Arrangement using Microcontroller [Anshuman Choubey]
4. Design and Development of Hybrid Microstrip Array Antenna for 6 -12 GHz frequency [S L Mallikarjun]
5. Design of a Multichannel Digital RF Power Meter for VHF/UHF Applications [Ashish Bohrey]
6. Design of Wireless Sensor Network for Car Parking Management System [S. S. Sonavane]
7. Effect of Open Stub Slots for Enhancing the Impedance Bandwidth of Dual band Microstrip Antenna [B.Suryakanth]
8. FPGA BASED FM RADIO RECEIVER FOR Software Radio [Snehall Bhosalle]
9. Fuzzy Based Design and Development of Microstrip Antenna [Magan P. Ghatule]
10. GSM based LAN controlling system [S.N.Hudge]
11. GSM-Based Distribution Transformer Monitoring System [R.K.Pongiannan]

12. HCT Hierarchical Cooperative Technique Based Energy Efficient Topology Control Algorithm for Wireless Sensor Networks[S.Emalda Roslin]
13. Integrated Approach for Equipment Design Methodologies and Implementation for Ruggedisation of Strategic Communication System... [Shreenivas R.Jog]
14. Measurement of Focal Ratio Degradation in Optical Fibers [A.N.Ramaprakash ]
15. Minimizing Latency in Selfish Overlay Routing [S.Prayla Shyry]
16. PC Base Node to Node Wireless Data Transmission [ A P Bhat]
17. Study of Mutual Coupling in Coplanar Capacitive Coupled Probe Fed Microstrip Antenna[H.B.Bhuvaneshwari ]
18. Wireless Instrumentation Systems Design Challenges and Implementation Techniques [Chaturi Singh]

## **7\_Environmental Instrumentation**

1. A Unique Artificial Pollution Laboratory at IISc [Subba Reddy B]
2. Adaptive-Fuzzy Logic Based Aeration Control in Wastewater Treatment Plants [D. S. Karanjkar]
3. An Airborne Dust Pollution Monitor [Sharma Shyam Gopal]
4. Designing of distributed system using TINI for temperature monitoring [Madhuri Joshi]
5. Development of an UV Monitor for Accurate Measurement of Radiation Flux [Koparkar P.V.]
6. Interfacing of Night Airglow Multispectral Photometer with Computer [P. T. Patil]
7. Modeling and Fabrication of a Portable Surge Generator [Subba Reddy B]
8. Online instrument controlling and information management system [G L Bodhe]
9. PC-based High Speed Data Acquisition and Control System for Environmental Studies [Parate R K]
10. Real Time Temperature and Humidity Monitoring and Control System [U. A. Patil]
11. Use of Waste Plastic in Bituminous Road [Shweta Y. Kurhade]

## 8\_GPS and Applications

1. Role of DGPS/GPS in Sedimentation Survey of Reservoirs [M. Selvabalan]
2. Service Oriented Architecture Using Broker Based Approach for Modern Field War[Minal A.Zope ]
3. Walking Guide For Visually Impaired [Dixit B.A.]

## 9\_Imaging

1. Artifact-free reconstruction in Fourier Domain Optical Coherence Tomography [L S D Lakshmi Priya]
2. Detection of Breast Cancer Using Fuzzy approach [Singh T ]
3. Development of Despeckle Algorithms for Medical Ultrasound Images – A comparative study [R.Sivakumar]
4. Electrical Impedance Tomography Based Image Reconstruction Using Finite Element Method [Sharvan Pahuja]
5. Fingerprint Verification using Radon Transform and Discrete Wavelet Transform [Mukesh G. Ghogare]
6. Identification and Classification of retina objects using Ant Colony Optimization and Naive Bayes Classifier [G.Kavitha]
7. Image Magnification using Adaptive Interpolation Method [Mukesh G. Ghogare]
8. Laser-based non-contact dimension measurement of an object [U.C. Pati]
9. Leaf parameters measurement using Digital Image Processing Technique [V.D. Shivling]
10. Measurement and correlation of electrical phase angle and static mechanical properties in models of tissue phantoms [K. Kamalanand]
11. Parasite Detection using Digital Image Processing [Meenalochani Chanda]
12. Review of Machine Vision based Apple sorting systems [A. Gopal]
13. Segmentation of bacilli in sputum smear images using Ant Colony Optimization [Ebenezer Priya]

## 10\_Industrial Automation and Process Control

1. 2-DOF Controller Design for Polynomial and Sinewave Reference Signals using Auxiliary Aryabhata's Identity Equation [Anil Markana ]
2. A brief survey on Pros and Cons of Pulsed drive schemes [R. Gowri Shankar Rao]
3. A Comparison of PID and State feedback control for time delay process [R D Kokatea]
4. A Digital Signal Controller based scheme for Interface and Digital Control for Flash Lamp Pumped Quasi CW Nd:YAG Lasers [Vijay Bhawsar]
5. Adaptive Generalized Predictive Controller for SISO system [S.B. Nigude]
6. An expert controller for a DC motor speed control system[Nagabhushana Katte]
7. An improved technique and its implementation for control of high power heaters in large autoclaves and similar plants [G.M.Kamalakaran]
8. ARM7TDMI Processor based IFLC for a Water-in-Tank Level Control System [ L Shrimanth Sudheer]
9. Automatic Bottle Filling Process Using PLC and SCADA[V.R.Thool]
10. Characterizing Any Nonlinear Transfer Function For A Control System Using Fuzzy Set Techniques [S.Ananthi]
11. Control of Multivariable Quadruple Tank System - A case Study [Gaurav Hinduja]
12. Design and Development of MATLAB – GUI Based Fuzzy Logic Controllers for Real Time Oven Temperature Control [Immanuel J]
13. Development & Role of Automatic Tide Generating System in Physical Hydraulic Model [ S. Dhayalan]
14. Development of a Microcontroller Based Temperature And Moisture Measurement System [Shahera S.Patel]
15. Development of Microcontroller based Active Flow Control system. [Kumaraswamy K]
16. Development of Microcontroller Based Data Acquisition System [NITISHA SHRIVASTAVA]
17. Experimental design of an integrated expert controller for an oven temperature control system [Nagabhushana Katte]
18. Fuzzy logic applied to a real time oven temperature control System[Nagabhushana Katte]
19. I2C Protocol Implementation For Process parameter Monitoring [Mukesh D Patil]
20. Instrument Cable Selection For Process Industry [Sandeepan Chatterjee]

21. Identification of flow system using TVARX model A wavelet based approach [Vinayak G. Asutkara]
22. Implementation of PID Control Using ILC Based Approach for SISO System [Sarika S. Bhosale]
23. Implementation of PID Controller for Flow Control For Experimental Set Up Using LABVIEW [Yogesh S Angal ]
24. Integration of a High Power laser source with a CNC workstation [Nirmala Sanikommu]
25. New concept of Globalized Automated functional testing for product testing [Sarup Paul]
26. OPC-Winning the Battle for Interoperability [Renuka C]
27. PC Based Dielectric Constant Measurement of Solid Material (Rubber) At X-Band [M G Lanjewar]
28. PC Based Dielectric Constant Measurement Technique of Solid Materials (Wood) [Patle L. B. ]
29. Recent Advances in Adaptive Controllers [D. S. Karanjkar]
30. Remote Monitoring Of Pulsar-Receiver Setup For Ultrasonic Velocity Measurements Using Email [G. K. Singh]
31. Robust Controller Design of Cascade Control System using Quantitative Feedback Theory (QFT)[Sushma P. Kodagali]
32. Robust Controller Design Using Diaphontine Equation for Fuzzy Parametric Uncertain Systems [ R.J. Bhiwani]
33. SCADA System for Gallium Nitride Metal Organic Vapour Phase Epitaxy System [Anand Valecha]
34. Sliding Mode Control of Isothermal Chemical Reactor [B. B. Musmade]
35. Statistical Approach for Calibration Constant in Measurement [Pravakar Mallick]
36. Temperature Response Control of Plastic Extrusion Plant Using Matlab/Simulink [S.Ravi]
37. Thread break detection in Ring spinning using Wireless Sensor Networks [G.Sundari]

## **11\_Instrumentation for Defence and Atomic Energy**

1. Design of an electronic control unit for Remote operation of an eccentric wheel based alignment system [B. Harita]
2. Design of an environment friendly, compact chiller with precision temperature stability for liquid dye lasers [Piyush Saxena]
3. Design of Input Output Interface Module for VME bus based CPU using CPLD for Nuclear Power Plants [Smitha Raveendran]
4. Development of a Digitally Controlled SMPS for arc-lamp-pumped High-power CW solid-state Laser for laser material processing Applications [R. Arya]
5. Development of an FPGA based embedded system for high speed object tracking application [Nagabhushan Katte]
6. Dose Rate Meter [Tanuja S .Dhope]
7. Drive by Wire System for Transformation of Conventional Drive Vehicle (CDV) to Remotely Operated Vehicle (ROV) [G Srinivas Rao]
8. FPGA Implementation of AES-256 Encryption algorithm in Telemetry Systems [K. Sudarshana Reddy]
9. Variable Cutoff Frequency modulation filter for Telemetry System [U.Naresh Kumar]

## **12\_Instrumentation standards and Protocols**

1. Approach of PnP for Nuclear Instruments using XML[Vidhi Jain]
2. Measurement and Calibration of a nonlinear analog signal using MCS-51 series Microcontroller. [Jagdish Singh]
3. Performance Analysis on Energy Aware MAC protocol for Wireless Sensor Network [Tejaswita R]

## **14\_Mechatronics**

1. A Novel Method to Predict the Reliability of Electronic Circuits using PSPICE [A. D. Rahulkar]
2. Automatic Gain control (AGC) algorithm design & scheme for Vibratory Rate Sensor's Dynamics Control [S.D. Sharma]
3. Evaluating Performance of Fuzzy Back Propagation Network in Predicting Tool life in CNC Turning Operations [ Tushar]
4. Intellectual Vehicle Data Logger As a Black Box [D.S. Mantri ]

5. Intelligent cars for collision avoidance and greater mobility using Mecanum wheels [Shashwat]
6. Nanoresolution Position Control System Using Stepper Motor [Aravind Prasad.D ]

## **15\_MEMS and Nanotechnology**

1. A Digital Pressure Meter Based On Piezoresistive Polysilicon MEMS sensor [Baharul Islam]
2. Dynamic Data Evaluation System for Performance Analysis of Anti-G Valve in Centrifuge[V.M. Uma Maheswari]
3. Enhancement in emission properties of aligned multiwalled carbon nanotube due to ion irradiation for the design of electron source devices [Brahmananda Chakraborty]
4. Enhancement of SMA MEMS Device Performance- Incorporation of Titanium Target in the Existing Sputtering System [Sudhir Kumar Sharma]
5. Memristor [Varun Naugraiya]
6. Nanofactories [Yogesh Athale]

## **16\_Metrology**

1. Correction of Position Coordinates Through Timing Data of a Special Single Satellite GPS Timing Receiver [P. Banerjee]
2. Metrology Throughout Rinsing of Nano structures [Navin Kumar Sinha]

## **17\_Neural Network Applications**

1. American Sign Language Alphabets Interpreters Using Artificial Neural Network [Vaishali S. Kulkarni]
2. ANN based predictions for sorption of Pb (II) ions from waste water using agricultural waste [Abhishek kardam]
3. Application of fuzzy logic in simulation [Dipti chaudhary]
4. Closed-loop System Identification using Neural Network and Genetic Algorithm [Arun Sonar]
5. Error Correction System Using ART-1 [Lanjewar M G]
6. Eye Blink Detection Using Neural Network in a drivers vigilance system [Vidya Sisale]
7. Handwritten Marathi Character Recognition [Nilima Warade]

8. Medical Expert System Artificial Neural Network & Fuzzy Set Theory Approach [Richa Pandey]
9. Neural Network Based Self-Tuning Of PID Controllers Which Uses Pattern Recognition Technique for Nonlinear System [Polaiah Bojja]
10. Op. Amp. Implementation of Fuzzy Logic Gates [R. R. Mudholkar]
11. Pattern Recognition System using ANN [A P Bhat]
12. Simple Microcontroller Based Neural Network schemes for creative Network Models [V. Ramu]
13. System Identification using Neural Network [Arun Sonar]
14. Texture Classification using Self-organization Map Neural Network [Sarika Matey]

## **18\_Optical and Analytical Instrumentation**

1. A Microcontroller-Based Temperature Controller/Programmer for Thermoluminescence (TL) Dosimetry [S. K. Atre, ]
2. Cycle by cycle closed loop control techniques for SMPS based laser diode driver [Sharma Ashutosh]
3. Pc Based Radiophotoluminescence Reader[ P.B.Dahikar]
4. Photoacoustic spectroscopy [Dewang]
5. Recognition of wines using spectroscopy [AH Kiranmayee]
6. Various Methods To Mitigate Failure of Thermowells Due To Vibration And Stress [Anand.R.Rao]

## **19\_Optimization Techniques in Power Generation**

1. Deriving Electricity through Waste  $\gamma$ -Radiations [Abhishek Sharma]

## **22\_Robotics**

1. Automated Pick and Place System using Dexterous Multifinger Robotic Gripper ( MRG ) [S. S. Ohol]
2. Design of A.C. Induction Motor using Aluminium Conductors [R. Gowri Shankar Rao]
3. Low Cost outdoor surveillance system [S. Rajagopalan]
4. Telepresence Technology for Intuitive Remote Control of Robotic Systems [Meher Tabassum]

## 23\_Sensors and Transducers

1. A Compact Seismic Vertical Sensor for Earthquake studies [Koparkar P.V.]
2. A device with USB interface to measure distance using ultrasonic transmitter & receiver [A. Robson Benjamin]
3. Analysis of effect of Micro Cantilever Shape on Detection Sensitivity for Optical Biosensor Applications [Ganesh.Shanbhag]
4. Development of Non-Contact Type Displacement Measurement System for Spent Fuel Bay Seismic Simulator [R.K. Singh]
5. Development of non-magnetic hybrid pressure cell for transport measurements up to 3.5GPa suitable for PPMS [N. Manivannan]
6. Effect of Residual stress and Retained Austenite on the long term stability of Integral diaphragm pressure transducer [Geetha Sen]
7. Electrical conductivity studies on Polyethylene terephthalate (PET) thin films [R. Sivakumar]
8. Experimental setup for pH measurement using Ion Sensitive FET sensor [Gaytri Gupta]
9. Fiber Optic based RPM/Displacement Transducer [Ishant Dave]
10. PWM Based Embedded Temperature Controller for a Solid State Electrolyte Zirconia Based Oxygen Sensor[Surendra Kumar]
11. Finite element modeling and development of thin film strain gauge load sensors [Latha H.K.E.]
12. Implementation of low power battery operated wireless sensor network for measuring mixing height using tethered balloon [G L Bodhe]
13. Instrumentation for using Solar Cell as a Capacitive Temperature Sensor [H.Anantha Krishna]
14. MEMS Sensor System for Telecommunications [Rahul J. Shimpi]
15. Microcontroller Based Path Tracer [Rajiv Gupta]
16. Temperature profile monitor for 30meter long Calibration bench [M.R. Jathar]
17. Ultrasonic Waves Based Density Measurement [Satwik Jena]

## 24\_Signal Processing

1. A DSP Implementation of Embedded Zerotree Wavelet (EZW) Image CODEC in Image Compression System [Shamika Jog]
2. A Novel Approach For efficient OCR-Independent Character Segmentation Using a Reach Algorithm [Muralikrishna M.]
3. A Touchless Screen-Menu Pointing System [Chetana Gavankar]
4. An Optimized Chain Code Image Retrieval System for Different Size Images in Image Search Engines [K. S. Venkataraman]
5. Application of Hilbert Transform for Error detection correction in Data Communication Systems [S. Ananthi]
6. Comparison of End Point Detection Algorithms In Speech Recognition for Isolated Words [Yogesh S Angal]
7. Electronic nose for black tea quality evaluation based on KPCA [A. Tripathy]
8. Experimental Comparison of Advance Control Strategies Which Uses Pattern Recognition Technique for Nonlinear System [Polaiah Bojja]
9. FPGA based distributed temperature sensor using optical fiber [Manoj K. Saxena]
10. Harmonics Reduction System Using Active Filter [Vaishali R. Sonawane]
11. Iris Recognition based on histogram analysis [P. S. Patil]
12. Multimedia Watermarking Techniques [C.S. Warnekar]
13. Ordered dithering technique using RBF [Arpitam Chatterjee]
14. Performance Analysis of Content Based Image Retrieval [Sandhya Potadar]
15. Performance evaluation of image compression techniques [Lalita K. Wani]
16. Real Time Power Quality Monitoring Using DSP incorporating Frequency Variations [Swagath Venkataramani]
17. RF Remote control of Power Line Devices Using Embedded System [P.G.Chakole]
18. Robust Mathematical Algorithm for Power Line Interference Cancellation in Monitoring and Recording of Feto-Maternal [Sharvan Pahuja]
19. Spectral Technique For the Detection of Tandem Repeats in DNA Sequences Using Discrete Fourier Transform [Sunil D.Sharma]

## **25\_Solar / Wind / Renewable Energy**

1. 3-step filtering using AI for Wind Direction Sensor dedicated to be used on a Mobile Robot[S. B. Waphare]
2. Automation of Watering System for Plants [S. S. Katti]
3. Carbon capture & storage technologies (CCST) [Niboriya]
4. Efficient utilization of solar energy for home based applications [Sujay Dilip Shet]
5. Tidal Energy in Electricity Production - A Reliable Source [Sawant Kalyani P]
6. Un-obstructive capturing of power parasitically from normal human walking [P.V. Gopi Krishna Rao]
7. Wave Energy – Bright Future For India [Sidheshwar Prabhurao Tondare]
8. Wind Tunnel Study on Civil Engineering Structures at NWTF, IIT Kanpur [Chaturi SinghK]

## **26\_Thermal and Cryogenic Instrumentation**

1. Development and Optimization of SMPS based TEC driver and Temperature Controller for Diode-pumped Solid-state laser [J. Khanwalkar]
2. Instrumentation for Low Temperatures Electrical Contact Resistance Measurement. [Rajiv Jain]
3. Uniaxial pressure device suitable for closed cycle refrigerator system for transport and magnetic measurements[S.Arumugam]

## **27\_Virtual and Intelligent Instrumentation**

1. A comparative analysis of clustering techniques for black tea quality evaluation using voltammetric electronic tongue [Laxmi Shaw]
2. A Reciprocative System for Health Automation [Rohit Kadam]
3. An automated setup for in situ investigation of Magneto Optic Kerr Effect [Shradha Tiwari]
4. Auto Monitoring Of Appliances By Internet [Vivek N. Katare]
5. Deploying Analytical & Virtual Instrumentation Applications Lab [Rehan Mohd]
6. Design and Development of Embedded Web Server for Home Automation [R. Santhosh Kumar]
7. Design and development of LAB -VIEW based pH controller [G L Bodhe]
8. Design and development of single phase line & earth-neutral voltage monitoring system [Das T. K.]

9. Design of Smart Home Automation Platform using PXI controller & GSM Module [Rachana Pathak]
10. Gain Comparison of a Multichannel EDFA using Dynamic Simulink Model [Sharbani Roy]
11. High Performance Data Acquisition Techniques for Wind Tunnel Applications [Chaturi Singh]
12. Implementation of LabVIEW based Foucault pendulum Control System [Anshuman Choubey]
13. LabVIEW for strain measurement [H M Kalpana]
14. Partial Texture Synthesis For H.264 Video Compression [Varsha K. Harpale]
15. Remote Supervisory Control & Acquisition Through Reconfigurable Board [Deepali Mahendra Yewale]
16. Suspicious data identification & rectification for sensor output correction using Virtual Instrumentation [S Singh]
17. USB based data acquisition system to record I-V characteristics [A. Robson Benjamin]
18. Vibration Analysis - current methods and Some Improvements [R. Nithya]
19. Virtual Audiometer [A.R.Jac Fredo]

## **28\_VLSI**

1. A 5-7Ghz Direct Down conversion Receiver Frontend in 0.18 $\mu$ m CMOS [M.Sumathi]
2. A Novel DVS Algorithm For Reducing Processor Energy Consumption In Real- Time Embedded Systems[D.Aravind Prasad]
3. Design and Implementation of Fast Fourier Transform (FFT) for OFDM transmitter[ Varsha Patil]
4. Hybrid partitioning to FPGA in Embedded Application [Shyam Babu]
5. Implementation of Reconfigurable Alignment system using FPGA in VLSI. [Anshuman Choubey]
6. Implementation of Ternary Memory Using VHDL for OFDM [N.B. Patil]
7. Low power and fast performing skew Compensation Circuit [Vrushali G. Raut]
8. New Trends in Code Compression for Embedded Processors [Mushir Ahmed ]
9. VLSI Implementation of fault tolerant, redundancy based, low power, high speed SRAM [Sheetal Barekar]