Ajitkumar Khachane



DESIGNATION:

Associate Professor And Head Of The Department

BRANCH:

Information-Technology

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Subject area of interest

Embedded Systems, Image Processing

Qualification

M.E. (Master of Engineering) in Electronics from Swami Ramanand Tirtha Marathwada University, Nanded – July 1997

B.E. (Bachelor of Engineering) in Electronics from Shivaji University, Kolhapur – April 1991

Experience

Vidyalankar Institute of Technology, as an Associate Professor and Head of the Department of Information Technology- 2001 – till date

MGM College of Engineering and Technology, as a Lecturer and Project Co-ordinator – 1991 to 2001

Workshops and Training Programs attended

Outcome Based Education and Accreditation for the Faculty Members of Technical Institutions, hosted by Vidyalankar Institute of Technology – September 07, 2014

Signal Processing and its Application, hosted by Vidyalankar Institute of Technology – June 06, 2009

Nanotechnology Applications in Biomedical and Electronics Engineering – January 12, 2009 to January 14, 2009

JAVA Applications in Distributed Computing, hosted by Vidyalankar Institute of Technology – January 05, 2009 to January 01, 2009

Emerging Trends in Embedded System Design (Organized) hosted by Vidyalankar Institute of Technology – July 07, 2008 to July 13, 2008

Very Large Scale Integration (VLSI), hosted by Fr. C. R. C. E., Bandra

Publications

Design of a Road Sign Informing System Based on GPS and RFID, International Conference – 2014

A survey and comparative Study of Ad-hoc Routing Protocols in Mobile Ad-hoc Network, International Journal – 2014

Optimization and Design of RF MEMS Switch, IEEE Journal – 2014

Almanac Based Dual Axis Open-loop tracker for Solar Panels with Optimized Captive Power Consumption, Conference – 2014

Smart Antenna System for Efficient Resource Utilization in Wireless Backhaul, International Conference – 2014

Novel Smart antenna System Design using Directional element for Wireless Communication System, International Conference – 2014

Efficient Data Encryption Algorithm based on Private Key Encryption, International Conference – 2014

Image Matching using SURF and SIFT, International Journal – 2014

Travel with Virtual Money using NFC, International Journal 2014

Effect of Malicious Nodes for MANET Protocols, International Conference, International Conference – 2014

Identifying Moving Objects in Video Stream using Self-Learning Method, International Conference – 2013

P2P file Sharing in IPv4 / IPv6 Hybrid Network, International Conference – 2013

Increasing Accuracy and Security of Bio-metric Feature using RSA Algorithm, National Conference – 2013

Security in Mobile Agent Communication, International Journal – 2012

Nanotechnology: In Artificial Kidney Implant, National Conference – 2008