

Teacher Profile

Personal Details :

Name: Dr. Parikshit Ashok Kadam
Date of birth: 12th April 1977
E-mail: pak_eln@unishivaji.ac.in
Phone: Off: 91-02312609307
Mobile: 8421219765
Present post: Asst. Professor
Department: Electronics



Academic Details:

Qualification: M. Sc., Ph.D., SET

Sr. No.	Examination Passed	Year of Passing	Name of board / University	Subjects	%
1.	S.S.C	1992	Kolhapur	As per MH board	61
2.	H.S.C.	1995	Kolhapur	PCMB	54
3.	B.Sc.	1998	Shivaji University, Kolhapur	Electronics, Physics, Mathematics	60
4.	M. Sc.	2000	Shivaji University, Kolhapur	Electronics	58.5
5.	SET	2004	-	Electronics	-
6.	Ph.D.	2010	Shivaji University, Kolhapur	Electronics	-

Research Specialization: Embedded Systems

Teaching Experience

- U.G. – 1 year
- P.G. – 8 Years

Research Guidance

- UG Programs – 6 Projects
- PG Programs – Design of Experiments for M.Sc. I students – 15 Experiments
- M.Sc. Projects – 54
- M.Phil - ...
- Ph.D. - ...

Research Publications:

Journals		Conferences	
International	National	International	National
4	5	3	23

Membership/ Other Charge

- Secretary, Department Admission Committee
- Coordinator, Spoken Tutorials

Honors/ Rewards:

- Certificate of Excellence, COURT-2006, Shivaji University, Kolhapur
- Best Paper Award, NCEC-2010, BITM, Bellary, Sept.-2010.

List of publications

(Mr. P.A.Kadam, Lecturer, Department of Electronics)

Journals

International –

1. S. B. Chavan , P. A. Kadam , and S. R. Sawant, 2009, Embedded Web Server for Monitoring Environmental Parameters, APPLICATION OF COMPUTERS IN EXPERIMENTS, Instruments and Experimental Techniques, 2009, Vol. 52, No. 6, pp. 784–787. Impact factor – 0.311
2. T. D. Dongale, T. G. Kulkarni, P. A. Kadam, R. R. Mudholkar, Fuzzy Model of Thermister, International Journal of Applied Engineering Research, ISSN 0973-4562, 2(2), 431-438, 2011
3. T. D. Dongale, T. G. Kulkarni, P. A. Kadam, R.R. Mudholkar, Simplified Method for Compiling Rule Base Matrix, International Journal of Soft computing and Engineering, 2(1), 28-43, 2012
4. T.D. Dongale, P.A.Kadam, R.R.Mudholkar, R.K.Kamat, M.D.Uplane, Distributed Embedded System (DES) Support for LPG and CNG Gas Leakage Early Warning System, International Transactions on Electrical, Electronics and Communication Engineering, Vol. 2, No.4, 2012

National –

1. P.A.Kadam, G.G.Tengashe, S.R.Sawant, 2005, Growth of 8-bit MCS51 family microcontrollers – A review, Journal of the Shivaji University (Science and Technology), 39.
2. P.P.Shah, P.A.Kadam, S.R.Sawant, 2005, Design of transformer for half bridge converter using Fuzzy Logic, Journal of the Shivaji University (Science and Technology), 39.
3. P.A.Kadam, B.J.Raut, Pravin A.Kadam, S.R.Sawant, 2006, Mouse Signal Interpreter using microcontroller 89C2051, Journal of Instrumentation Society of India, 36(2).
4. P.A.Kadam, G.G.Tengashe, S.R.Sawant, 2007, “Design of Microcontroller Based DC Programmable Power Supply”. Journal of Instrument Society of India, 37(2) 92-99.
5. R.R. Mudholkar, P. A. Kadam, S. S. Nirmale, M.D. Hanmane, P.P. Murkute, Decision Making Through Fuzzy Relation, Jr. of Shivaji-University Science and Technology, ISSN: 0250-5347, 43, 2011

Conferences

International –

1. P.A.Kadam, R.R.Mudholkar, S.R.Sawant, 2007, "Optical isolation technique for protection of lower-power controller unit", Department of Electronics, Shivaji University, Kolhapur. ICAMA
2. T.B.Mohite-Patil, P.A.Kadam, S.R.Sawant, 2008, Proto-Modeling of Bio-Gas Plant, International Conference on "Biomedical Engineering and Nanotechnology", ICBENT 2008. P.P.101
3. Temperature and Humidity Monitoring Using PIC-16F877A for Green House Effect, International Conference on Physics of Materials And Materials Based Device Fabrication (ICPM-MDF-2012), Department of Physics, Shivaji University, Kolhapur. January 17-19, 2012

National –

1. P.P.Shah, P.A.Kadam, S.R.Sawant, 2005, Design of half bridge converter using Fuzzy Logic, National Symposium on Instrumentation NSI-30, CUSAT – 682022, Cochin.
2. R.R.Mudholkar, P.A.Kadam, S.R.Sawant, 2007, Fuzzy Logic Gates, National Conference on Mathematical methods and Applications.
3. P. A. Kadam, R. R. Mudholkar, S. R. Sawant, 2008, Embedded System Design, Case Study: Typical program development flow in MCS51 architecture, A National Conference on Emerging Trends in Information Technology (NCETIT-08).
4. S.D. Sangar, S.S. Nirmale, P.A.Kadam, R.R. Mudholkar, 2009, "MULTICHANNEL REAL TIME FIS FOR DC MOTOR" National Conference on 'Fuzzy Logic and Its Application in Industry', K.B.P.(Modern) college, Vashi, Navi Mumbai.
5. S.S. Nirmale, P.A.Kadam, R.R. Mudholkar, 2010, "Fuzzy implication using op-amp", National conference on pervasive computing (NCPC-2010), Sinhgad College of Engineering, Pune.
6. R. R. Mudholkar, Sudhakar Hegde, P. A. Kadam, S. S. Nirmale, A. C. Shaikh, "Fuzzy System Development -A General Approach", National Conference On "Recent Trends in Electronics & Communication Engineering", NCEC-2010,BITM, Bellary, Sept.-2010.
7. P. A. Kadam, R. R. Mudholkar, S. S. Nirmale, M. S. Patil, "Simple Calibration Technique for 8 Bit ADC Used in Voltmeter", National Conference On "Recent Trends in Electronics & Communication Engineering", NCEC-2010,BITM, Bellary, Sept.-2010
8. S.R. Jadhav, G.B.Waghmare, S.S.Nirmale, Dr. P.A.Kadam, Dr. R.R.Mudholkar, "Device Usage Monitor using AT89C2051", National Conference on Sensor

Networks and Embedded Systems, NCSNES-2011, Abasaheb Garware College, Pune, February 2011.

9. N.H. Dorugade, T.D.Dongale, S.S.Nirmale, Dr. P.A.Kadam, Dr. R.R.Mudholkar, "Battery Discharge Monitor using AT89C2051", National Conference on Sensor Networks and Embedded Systems, NCSNES-2011, Abasaheb Garware College, Pune, February 2011.
10. S.Y.Jankar, R.A.Sutar, K.D.Attar, A.R.Hajare, P.A.Kadam, Home Security System using Embedded Web Server, PP18, UGC Sponsored Seminar on Recent Developments in Embedded Technology, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur. December 2012.
11. Subhash Magdum, Kuldip Goilkar, Nilesh Chougule, Tukaram Dongale, P.A.Kadam, Embedded Web Server for Temperature Monitoring of Boiler, PP19, UGC Sponsored Seminar on Recent Developments in Embedded Technology, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur. December 2012.
12. R.S.Sutar, S.Y.Jankar, K.D.Attar, A.R.Hajare, P.A.Kadam, Automatic Railway Gate Control System, PP-29, UGC Sponsored Seminar on Recent Developments in Embedded Technology, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur. December 2012.
13. P.A.Kadam, R.R.Mudholkar, S.R.Sawant, Virtual Stepper motor object in MATLAB, OET-14, National Conference on Emerging Technologies for Sustainable Developments, NCET-2012, Department of Technology, Shivaji University, Kolhapur, December 2012.
14. P.A.Kadam, R.R.Mudholkar, S.R.Sawant, Design of Small Scale Embedded Systems, PET-1, National Conference on Emerging Technologies for Sustainable Developments, NCET-2012, Department of Technology, Shivaji University, Kolhapur, December 2012.
15. P.A.Kadam, R.R.Mudholkar, S.R.Sawant, On-chip Resource Test-Bench for AVR Microcontroller, PET-8, National Conference on Emerging Technologies for Sustainable Developments, NCET-2012, Department of Technology, Shivaji University, Kolhapur, December 2012.
16. P.A.Kadam, S.K.Magdum, S.R.Sawant, Embedded Web Enabled Boiler Temperature Data Logger, National Conference on Emerging Technologies for Sustainable Developments, NCET-2012, Department of Technology, Shivaji University, Kolhapur, December 2012.
17. P. A. Kadam, P. B. Patil, M. D. Uplane, and M. M.Uplane, Role of web sites in microcontroller education, OP-24, UGC-SAP and DST-PURSE Sponsored Interdisciplinary National Conference on Information and Communication Technology for Education, Shivaji University, Kolhapur, March 2013.

18. P.A.Kadam, J.S. Kole, Wind Speed Data Logger, National Conference on Recent Trends and Issues in Renewable Energy (NCRTIRE-2013), Rajarshi Chhatrapati Shahu College, Kolhapur. January 27-28, 2014. (Won 2nd Prize)
19. P.A.Kadam, P.B.Patil, Conservational Office Lighting System, National Conference on Recent Trends and Issues in Renewable Energy (NCRTIRE-2013), Rajarshi Chhatrapati Shahu College, Kolhapur. January 27-28, 2014.
20. Shinde S. A., Kadam P.A., FPGA based Co-Processor Design for Process Control Application, National Conference on Latest Advances, Trends in Electronic Science and Technology (LATEST—2014), Department of Electronics, Shivaji University, Kolhapur. February 14,15, 2014
21. P.A.Kadam, V.B.Gaikwad, S.A.Shinde, Soft Computing Approach to Vehicle License Plate Recognition, National Conference on Latest Advances, Trends in Electronic Science and Technology (LATEST—2014), Department of Electronics, Shivaji University, Kolhapur. February 14,15, 2014
22. P.A.Kadam, Tushar Gorule, S.A.Shinde, Android Front-End for Temperature Monitor, National Conference on Latest Advances, Trends in Electronic Science and Technology (LATEST—2014), Department of Electronics, Shivaji University, Kolhapur. February 14,15, 2014
23. G. B. Jirage, Dr. B. T. Jadhav, Dr .P. A. Kadam, Design and Development of Gas Sensing System, National Conference on Latest Advances, Trends in Electronic Science and Technology (LATEST—2014), Department of Electronics, Shivaji University, Kolhapur. February 14,15, 2014