### Faculty wise list of Research Publications

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Dr. Rajkamal

Research Publications

Total Number of Papers: 111

List of Papers 1990-2011 at Devi Ahilya University, Indore

Area: Computer Science and Electronics: 56
1. International Journal Papers: 10
3. International Conference: 14
4. National Conference Papers: 18

List of Papers 1967-1989 at Punjabi University, Patiala 55
Area: Physics
1. International Reputed Top Rated journals: 40
2. List of National Publications related to development of new instruments, systems, and equipments: 7
3. List of Popular Educational Articles: 08

List of latest papers from Paper Number 101-111


107. A decision centric approach using Orchestrator Model for system security, Aradhana Goutam, Rajkamal, Maya Ingle, CIT International Journal of Engineering and Research (CITIJER), reference number 101009, Volume 1, No. 1, NOV-FEB 2010-11, ISSN-2230-9144


List of 100 Papers

E. Area: Computer Science and Electronics in Journals


5. Power consumption estimation per unit performance in high speed restoring and non-restoring divider arrays for CDMA mobile communication systems, C N Khairnar, Sanjiv Tokekar and Raj Kamal, International Journal of Systemics, Cybernetics and Informatics (IJSOI), (ISSN: 0973-4864), pp 48-51, October 2007

6. Power consumption estimation per unit performance in high density, high speed array and radix-4 Booth’s multiplier for wireless communication systems, C N Khairnar, Sanjiv Tokekar and Raj Kamal, Proc. IEEE (Electronic media), International Conference on Advances in Electrical, Electronics, Communication and Information Technology, INDICON-07, pp 37 (Souvenir), September 2007


Computer Science and Electronics in Conferences
35. An Integrated approach for Energy Requirements per unit MIPS/MMACs Performance of Software Defined Radio, Chandrakant N Khairnar, Raj Kamal and Sanjiv Tokekar Proc.CSI-International
36. Power consumption estimation per unit performance in high speed array and radix-4 Booth multiplier for wireless communication systems, Chandrakant N Khairnar, Raj Kamal and Sanjiv Tokekar, IEEE International Conference on Advances in Electrical, Electronics, Communication and Information Technology, INDICON-07, Bangalore, India, Sept. 07-08, 2007


40. Mobile Devices with Embedded Local Intelligence and Spatial Databases for the Supply Chain Management Applications, Raj Kamal and Preeti Saxena, Nirma International Conference on Supply Chain, Jan.9-11, 2008


42. A web-based intelligent disease diagnosis system using a new fuzzy logic approach for drawing the inferences in crops, Submitted to World Congress On Nature and Biological Inspired Computing (NaBIC2009), Savita Kolhe, Raj Kamal, H.S. Saini and G.K.Gupta, Communicated, Proceedings to be published in IEEE Computer Society and indexed by both EI (Compendex) and ISTP (Published in IEEE Xplore), December 9-11, pp. 812-817, 2009


**List of Papers 1967-1989 at Punjabi University, Patiala**

**Area: Physics**

**In Internationally Reputed journals:**


49. Magn.induced electr.field grad. at the nucleus of an high spin Fe$^{2+}$ ion in distorted cubic crystal field (with RGM) Phys.Rev. B3,1649 1971.


55. Magnetic resonance studies of (PbO. 2B$_2$O$_3$ ) $\pm x$ (Fe$_2$O$_3$ ) x glasses (with RGM, RGG, SSS, SKS & NK) J. Non-Crystalline Solids, 33, 121, 1979.


65. Interpretation of Mossbauer effect measurements near spin-reorientation temperature and EFG tensor analysis of Nd$_2$Fe$_{14}$B (with MR) J. Less Common Metals (UK) 125, 97, 1986.

66. A study of magnetic hyperfine field changes at different Fe-sites below spin reorientation temperature in polycrystalline untextured Nd$_2$Fe$_{14}$B (with MR and MSS) Physics Letters A (USA), 118, 103, 1986.

67. Reduction of magnetic hyperfine fields and Curie temperature upon substitution of Si and Al in compounds of the type Nd$_2$Fe$_{14}$B (with MR ans MSS) J. Less Common Metals (UK), 125, L7, 1986.


69. An ESCA study in 0.9 (PbO- B$_2$O$_3$ ).0.1Fe$_2$O$_3$ glass (with SWA) J. Non-Crystalline Solids, 87, 415–1986.

70. Structural analysis of splat cooled alloy Fe$_{82}$P$_{12}$C$_5$ by a model independent Mossbauer spectrum fitting (with MSS). International conference on Metallic and Semiconducting Glasses, Dec. 1986 (Hyderabad).

72. Magnetic hyperfine fields of Nd$_2$(Fe$_{1-x}$Co$_x$)$_{14}$B at x=0.25 between 100K and 780K (with MR) J. Magnetism and Magn. Materials., 66, 379, 1987.

73. Mossbauer spectroscopic Study of Nd$_2$(Fe$_{1-x}$Co$_x$)$_{14}$B at x=0.13 J. Less Common Metals (UK) 128, 343, 1987.


75. Mossbauer spectroscopic investigation of the Magnetic characteristics of Nd$_2$(Fe$_{0.8}$Co$_{0.1}$Mn$_{0.1}$)$_{14}$B (with Lovleen) J. Magnetism and Magn. Materials, 73, 215, 1988.


77. Study of hyperfine distribution parameters by Mossbauer spectroscopic in (1-x) (Sr$_{0.2}$B$_{2}$O$_{3}$).x Fe$_2$O$_3$ glasses for 0.05<x<0.45 (with MSS and SSS) J. Non-Crystalline Solids 10, 23, 1988.


81. A Mossbauer spectroscopic study of Nd$_2$(Fe$_{0.8}$Co$_{0.1}$Mo$_{0.1}$)$_{14}$B (with Lovleen) J. Magnetism and Magn. Materials, 78, L9-L12, 1989.

2. List of Publications related to development of new instruments, systems, and equipments:


A analogue computer technique based proportional integral differential controller and a computer grade power supply with a battery back-up and multi-
92. A microprocessor/ microcomputer based setup for the measurements of ‘g’ (with RA) Bull. IAPT, 6(6) 1989.

3. List of Popular Educational Articles:
List of Research Papers Published:

**International Journals:**


**International Conferences (IEEE/ACM):**

LIST OF SOME RECENT RESEARCH PUBLICATIONS


Dr. D. S. Bhilare

List of Research Papers Published:

International Journals:


International Conferences (IEEE/ACM):


National Conference:


List of Papers Published


List of Research Publications

2011


2010


2009


2008


2007


2006


2005


2004


Ms. Shraddha Masih

Research Information - 2011

Research Paper in National Conference:


Title: Data Mining for optimal maintenance of ATM machines

Shraddha Masih¹, Shweta Bhandari², Laxmi Rathore³
School of Computer Science and Information Technology, DAVV
Indore, India
Dr. Hemant Mehta

Research Publications:


Deepak Abhyankar


Mr. Nitin Uikey

Research Publications:
Published:

Papers published during academic years 2011 to 2013


