

Faculty Profile

Name: **Deepak Prawal Sharma**

Designation: Associate Professor

Teaching Areas: Artificial Intelligence, Design and Analysis of Algorithms, E-Commerce, and Operations Research.

Research Interest: Artificial Intelligence (Neural Networks)

Education: Pursuing Ph. D. (JIT Univ.), Rajasthan, Thesis submission in Sept, and viva-voce in December, 2017

M. Tech. (Comp. Sc. and Engineering), JNTU, 2014,

MCA, IGNOU, 2004,

M. Sc. (Comp. Sc.), MD Univ, Rohtak, 2003

MEE (Master in Env. Sc.), MCRP Univ, Bhopal, 1998

MIAE (Mech.), 1987

B. Sc. (Physics), Bhagalpur Univ., 1977



Professional Experience (27 years):

1. Since 2015: IFHE, Hyderabad,
2. 2013- 2015: Synergy Business School, Hyderabad,
3. 2012- 2013: St. Joseph Degree College, Hyderabad,
4. 2007- 2012: Asian School of Business Mgt., Bhubaneswar,
5. 2003- 2007: JD Women's College, Patna
6. 1988- 2003: IED, Dept. of Industries, Govt. Of India,

Research / Selected Publications:

Research Project: – “Analysis of institutional adaptability to redress electricity infrastructure vulnerability due to climate change”, National Climate Change Adaptation Research Facility, Govt. of Australia, 2013.

Research Papers

1. “Innovative PCG technique for cardiac spectral analysis” published in IOSR Journal of Computer Engineering [ISSN: 2278-0661], Volume 1, Issue 6 (July-Aug 2012), PP 17-21.
2. “Stochastic Behaviour and Parameter Convergence in Genetic Algorithms: an Experimental Analysis”, published in International Journal of Engineering Research and Development [ISSN: 2278-800X], Volume 2, Issue 10 (August 2012), PP. 31-34.
3. “Intensity Transformation using Contrast Limited Adaptive Histogram Equalization”, published in International Journal of Engineering Research, [ISSN : 2319-6890], Volume 2, Issue 4 (01-August 2013), PP . 282-285.

4. "Neural Network Simulation of Digital Circuits", Published in International Journal of Computer Applications (Foundation of Computer Science, New York, USA), [ISSN: 973-93-80878-06-7], Volume 79, Number 6: 7-13, October 2013. DOI Index No: 10.5120/13743-1456 **Article hosted on:** NASA ADS (Harvard University), Google Scholar platform, CiteSeer, UlrichsWeb and CSA Technology Research Database, ProQuest for citation purposes, University of Karlsruhe, Germany and Georgetown University, USA, cientificCommons Index supported by University of St. Gallen, Switzerland.
5. "Problems of intensity Transformation Methods and Selecting Appropriate Histogram Technique", published in International Journal of Engineering and Technical Research, [ISSN: 2321-0869], Volume 2, Issue 2, February 2014.
6. "Analysis of institutional adaptability to redress electricity infrastructure vulnerability due to climate change", National Climate Change Adaptation Research Facility, Govt. of Australia, 2013.
Co-researcher with: John Foster, William Paul Bell, Phillip Wild, Craig Froome, Liam Wagner, etc.
Participated on behalf of University of Technology Sydney.
7. "Fault Tolerance in Artificial Neural Network", Published in UGC Approved Journal - International Journal of Recent Innovation in Engineering and Research, [ISSN: 2456-2084], Vol. 2, Issue 6, June, 2017. PP: 74-79.
8. "Dealing with Classical Problems of Neural Network", Published in UGC Approved Journal - International Journal of Recent Innovation in Engineering and Research, [ISSN: 2456-2084], Vol. 2, Issue 7, July, 2017. PP: 15 – 20.

Books Published:

1. e-Retailing: Principles and Practice - published by Himalaya Publication, Mumbai, 2012.
2. Artificial Intelligence: A comprehensive Approach – published by Excel Books, New Delhi, 2013.