

Gaurang Panchal

Research Scholar, School of Information Technology, IIT Kharagpur **Mob**: 99092 36993, Email: gaurangpanchal.ce@ecchanga.ac.in http://gaurangpanchal.webs.com/

PERSONAL INFORMATION

Date of Birth : 05-03-1982

Language Known : English, Hindi, Gujarati

Nationality : Indian

DegreeYearInstitute / UniversityPercentageMaster of Engineering (Computer Engineering)2007DDIT, Nadiad62.08%Bachelor of Engineering (Information Technology)2003Saurashtra University66.15%

AT PRESENT

Research Scholar, School of Information Technology, IIT Kharagpur

• Asst. Prof., CE Dept., Chandubhai S Patel Institute of Technology, Changa, Gujarat

PROFESSIONAL EXPERIENCE (7.0 Yrs.)

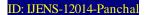
Organization		Designation	From	То	Duration
1.	CMS Computer Limited, Ahmedabad	Assistant Engineer	08-04-2004	15-07-2004	3 Month
2.	Sai Info system India Pvt. Ltd, Ahmedabad	Software Engineer	28-10-2004	15-07-2005	9 Month
3.	Charotar Institute of Technology, Changa	Assistant Professor	05-02-2007	Till Today	

PROFESSIONAL INSTITUTIONAL MEMBERSHIP

- Member, IEEE
- The IAENG Society of Artificial Intelligence
- The IAENG Society of Computer Science
- The IAENG Society of Data Mining

NATIONAL CONFERENCES

- Optimization of Neural Network Parameter using Genetic Algorithm by Gaurang Panchal, Amit Ganatra National Conference on Advanced Computer Application, 2008
- Solving NP hard problem using Genetic Algorithm, Devyani Panchal, Gaurang Panchal National Women Conference, CITC, Changa, India, 2009
- UGC Sponsored One Day National Level Conference on NEXT-GEN Computing Technology Organized by Shree Manibhai Virani & Smt. Navalben Virani Science College, Rajkot. (Won Second Price with Trophy), 5th March 2011

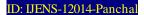


INTERNATIONAL CONFERENCES

- Electrical Load Forecasting Using Genetic Algorithm Based Back Propagation Network by Gaurang Panchal, Amit Ganatra, Devyani Panchal, Y P Kosta 1nd International Conference on Data Management (MacMillan Publication), IMT, Ghaziabad, Jan-2009.
- Parametric Optimization of Wire Electrical Discharge Machining Process using Genetic Algorithm based Neural Network by Gaurang Panchal, Amit Ganatra, Devyani Panchal, Y P Kosta 2nd International Conference on Data Management (MacMillan Publication), IMT, Ghaziabad, Feb-2010.
- International Conference on Themes of Higher Education: Prospect of Gujarat, Pandit Deendayal Petroleum University, Gandhinagar, Gujarat, 25-26 Nov-2010.

INTERNATIONAL JOURNALS

- Determination of Over Fitting and Over Learning in Back Propagation Neural Network by Gaurang Panchal, Amit Ganatra, Parth Shah, Devyani Panchal, International Journal of Soft Computing, Vol (5), 2011
- Efficient Feature Extraction and Selection Techniques for Classification by Gaurang Panchal, Amit Ganatra, Y P Kosta, International Journal of Computer Science and Emerging Technology (IJCSET), Vol. 2(2), 2011
- Unleashing Power of Artificial Intelligence of Network Intrusion Detection Problem by Gaurang Panchal, Amit Ganatra, Parth Shah, Y P Kosta International Journal of Engineering Science and Technology (IJEST), Vol. 2(10), 2010.
- Initial Classification through Back propagation in a Neural Network following Optimization through GA to evaluate the fitness of an algorithm by Gaurang Panchal, Amit Ganatra, Chintan Gajjar, Y P Kosta International Journal of Computer Science and Information Technology (IJCSIT), Vol. 11, 2010.
- Performance Analysis of Classification Techniques using Different Parameters by Gaurang Panchal, Amit Ganatra, Devyani Panchal, Y P Kosta Springer Verlag-Germany (Springer-LNCS), Vol. 6411, 2010
- Behavior Analysis of Multilayer Perceptrons with Multiple Hidden Neurons and Hidden Layers by Gaurang Panchal, Amit Ganatra, Devyani Panchal, Y P Kosta International Journal of Computer Theory and Engineering (IJCTE), Vol. 2, 2010
- Searching Efficient Neural Network Architecture using AIC Method by Gaurang Panchal, Amit Ganatra, Devyani Panchal, Y P Kosta International Journal of Computer Application. Vol. 1(5), 2010
- Employee Retention Probability using Neural Network Based Back Propagation Algorithm by Gaurang Panchal, Amit Ganatra, Devyani Panchal, Y P Kosta, *IEEE Xplore* 2010, 248



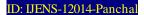
REVIEWER / EDITORIAL BOARD MEMBER

- International Journal of Soft Computing (IJSC)
- International Journal of Soft Computing and Engineering (IJSCE)
- International Journal of Computer Science and Information Security (IJCSIS 2011 2012)
- International Journal of Computer Theory and Engineering (IJCTE)
- International Journal of Engineering and Advanced Technology (IJEAT)
- International Journal of Emerging Technology & Advanced Engineering (IJETAE)
- International Journal of Engineering, Science and Technology (IJEST)
- International Journal of Engineering and Innovative Technology (IJEIT)
- International Journal of Advancements in Computer Science & Information Technology (IJACSIT)
- International Journal of Innovative Technology and Exploring Engineering(TM)(IJITEE)
- International Journal of Recent Technology and Engineering(TM)(IJRTE)
 International Journal of Machine Intelligence (BioInfo Journals)
- BioInfo Journal of Machine Learning Technologies (Bioinfo Journals)
- International Journal of Computational Intelligence Techniques (Bioinfo Journals)
- International Association of Engineers and Scientists (IAEST)
- Journal of Information Technology Education: Research (ISI Journal), Idaho State University, USA
- 2011 4th IEEE International Conference on Computer Science and Information Technology- China
- ASME 2011 3rd International Conference on Computer Technology and development ICCTD 2011 China
- Committee Member, First International Conference on Soft Computing, Artificial Intelligence and Applications (SCAI-2012), Delhi, India
- 2012 2nd International Conference on Electronics and Optoelectronics (ICEOE 2012), Shenyang, China, 2012
- 2013 International Conference on Artificial Intelligence, Soft Computing (AISC-2013), Bangalore, India, 2013 (Program Committee Member)
- International Conference on Intelligent Systems and Signal Processing (ISSP-2013), Vallabh Vidyanagar, India

WORKSHOP ATTENDED

- Five days' Workshop on "Advanced Microsoft .NET and ASP.NET Development Tools" Jointly Organized by GIL and Microsoft in Feb'08 at Anand.
- Three days' workshop on "Information Security & Ethical Hacking" by APPin Group, Baroda at Charotar Institute of Technology, Changa
- One day Workshop on "Effective Teaching" by Prof. Bhushan Trivedi, at Charotar Institute of Technology-Changa.
- Two days' Workshop on "Advanced .NET" at C U Shah College of Engineering & Technology, Wadhwan, 25-26 April 2009.

WORKSHOP ORGANIZED



 Organized & Attended 3 days workshop on "Information Security & Ethical Hacking" by Appin Group, Baroda

EXPERT LECTURE DELIVERED

Delivering Expert Lecture on ASP.NET 2.0 at BISAG-Gandhinagar under C2C Program
 Organized by Government of Gujarat & Microsoft through SATCOM

INVOLVEMENT IN ACADEMIC PROGRAM

- Microsoft Trainer, Microsoft IT Academy (MCTS Program), CITC, Changa
- Coordinator, College to Program since last 2.0 yrs

INHOUSE PROJECT DEVELOPMENT

- Student Information Portal
- Configuration of Bio Matrix Figure Print device in CHARUSAT
- PCC Range Estimator using C# (Pacific Crest Corporation by Shakti Kosta)
- "E-Governance" at Charotar Institute of Technology with ISPL, Ahmedabad
- Developer, "ERP Solution for Comfy Group", Vallabh Vidyanagar.

BOOK PUBLISHED

- Optimization of Neural Network Parameter using Genetic Algorithm (ISBN-13: 978-3-8484-4747-3, LAP ACADEMIC PUBLISHER), 2012
- Classification and Optimization to Evaluate the Fitness of an Algorithm (ISBN-13: 978-3-8484-1993-7, LAP ACADEMIC PUBLISHER), 2012

ACHIEVEMENTS

- **3rd Prize, Outstanding Poster Presentation**, 4th Research Scholar's Day, School of Information Technology, IIT Kharagpur, 12th January, 2013
- 2nd Prize, Outstanding Project Presentation, UGC Sponsored One Day National Level Conference on NEXT-GEN Computing Technology Organized by Shree Manibhai Virani & Smt. Navalben Virani Science College, Rajkot, 5th March 2011
- Microsoft Certified Technology Specialist, MCTS, Microsoft .NET Framework -Application Development Foundation, June 2011

REFERENCES:

- Dr. Amit Ganatra, Dean, Faculty of Technology, CHARUSAT, Changa, Gujarat
- Prof. C K Bhensdadia, Head, CE Department, DDIT, DDU, Nadiad, Gujarat

Place:	Gaurang Panchal
Date:	