



Name: Dr. Bharti Trivedi

Designation: Professor of Practice, Dept of CSE

School: School of Technology

Research Interest:

- Design and analysis of Algorithms
- Supervised and unsupervised learning,
- Image Processing and Natural Language Processing

Academic Background:

Degree	Subject	University	Year
Doctoral Degree (PhD)	Computer Science	Dharmsinh Desai University (DDU) Nadiad, Gujarat ,	2014
Master's Degree	MSc - Computer Science	Banasthali University, Rajasthan	1994
Bachelor's Degree	Honours in Computer Science and Mathematics	Banasthali University, Rajasthan	1992
Diploma In European Modern Language	German language	Banasthali University, Rajasthan	1991
Certificate in European Modern Language	German language	Banasthali University, Rajasthan	1990

Professional Experience: (17+ years)

Bharti Trivedi, an academician and administrator, is consultant to the Ministry of Human Resource and Development in National Mission for Education for ICT. She has 20 years of strategic as well as hands on professional experience in the information and communication technologies industry.

Dr. Trivedi's global presence includes her latest visit to Tashkent in August, 2018 as a delegate member in the special delegation of Shri Suresh Prabhu, honourable cabinet minister of Commerce and industries, Government of India. She visited Dhaka in January, 2018 as Delegation Member Nominated by Ministry of Industries and Commerce for Multi Country Project and in September, 2016 she went to South Korea, Seoul as a National Expert by Government of India for Research Project.

She is a noted author and speaker on the emerging applications of ICT and supply chain management and has guest lectured at various universities in India and abroad. She also delivers the industrial courses to business executives and IT professionals globally (in China, India and South Korea). She has presented scientific papers at various conferences at Dubai, Wrexham- London, Malaysia, South Korea. She was member of editorial board of "International Journal of Green Computing" (IGI Global, PA, USA).

She has published numerous scientific papers in national / international journals and conferences, and given more than 75 presentations and tutorials. She has contributed in editing of 3 books

She is Founder and Principle Consultant of Apex Research Centre (ARC)

Teaching Engagements:

Title	Course Code	Class Name	School Name
Social Mobile Analytics and Cloud (SMAC), E-Commerce and Data Analytics		MSc -IT	Department of Computer Applications, Faculty of Science, The M.S University of Baroda, Vadodara
Artificial Intelligence, Data Structures and Algorithms		BCA	Department of Computer Applications, Faculty of Science, The M.S University of Baroda
Management Information System		BBA	Department of Computer Applications, Faculty of Science, The M.S University of Baroda
Management Information System, Research Methodology, Business Analytics		PGDMM	Indian Institute of Materials Management

Publications:

PAPERS IN JOURNALS (11)

Tinna,S., Sidiqui, U., **Trivedi, B** (2021), Prediction of the Repo Rate of India using Artificial Neural Network , International Journal of Science and Research - ISSN : 2319-7064 · Jan 1, 2021

- Ricardson, N, **Trivedi, B.**, et.al (2019), MAKING THE MOST OF HUMAN CAPITAL Diversity and Inclusion Strategies in Selected APO Member Economies , ASIAN PRODUCTIVITY ORGANIZATION · Jan 1, 2019
- Trivedi, B.** (2016), Industry Attractiveness Analysis Using Fuzzy Expert System: A Research Approach, *Materials Management Review*, ISSN : 2320 – 0758, Volume 12, Issue 7, May 2016
- Trivedi, B.** and Unhelkar, B. (2015), Environmental Intelligence Maturity Evaluation With Fuzzy Logic System – A Big Data Perspective, SDPS 2015 Dallas, Nov 2, 2015
- Trivedi, B.** (2015) , Geometric Transformations in C using OpenGL graphics API, *CSI Communications*, Vol. 38, Issue no. 12, March 2015, ISSN 0970-647X
- Trivedi, B.** and Unhelkar, B. (2013), Use of Environmental Intelligence for Green ICT in the Manufacturing Sector, *International Journal of Advanced Research in IT and Engineering*, Vol. 2, No. 4, April 2013, ISSN: 2278-6244.
- Trivedi, B.** and Unhelkar, B. (2013), Impact of use of Environmental Intelligence for Green ICT in the Education Sector, *International Journal of Information Technology and Computer Sciences Perspectives*, ISSN: 2319-9016 (PRINT) ISSN: 2319-9024 (ONLINE).
- Trivedi, B.** and Unhelkar, B. (2013), Environmental Intelligence and its impact on Collaborative Business, **BIJIT - BVICAM's International Journal of Information Technology**. ISSN 0973-5658, Vol 2, No .2 July –December 2013
- Trivedi, B.** (2011), Developing Environmentally Responsible Business Strategies: A Refer Research Perspective, *International Journal of Green Computing*, Vol 2, No1, IGI Global Publications, ISSN 1948-5018, EISSN 1948-5026
- Unhelkar, B., and **Trivedi, B.** (2009), “Managing Environmental Compliance: A techno-business perspective”, *SCIT (Symbiosis Centre for Information Technology) Journal*, ISSN 0974-5076, Sep, 2009, paper ID: JSCIT09_015
- Trivedi, B.**, Makwana, P. Sheth, A. and Jasani, J. (sent for review), Optical Character Recognition Using 2D Template Correlation.

CHAPTERS IN BOOKS (3)

- Trivedi, B.** and Unhelkar, B. (2010), A framework for Environmentally Responsible Business Strategies”, “*Handbook of Research on Green ICT: Technical, Methodological and Social Perspectives (HRG)*”, IGI Global, USA, (2010)
- Unhelkar, B and **Trivedi, B.** (2009), “Role of mobile technologies in an Environmentally Responsible Business Strategy”, Chapter in *Handbook of Research in Mobile Business: Technical, Methodological and Social perspectives, 2nd Edition*, IGI Global Publication, Hershey, PA, USA.
- Trivedi, B.** and Unhelkar, B. (2009), Extending and Applying Web2.0 and beyond for environmental Intelligence, *Handbook in research on Web 2.0, 3.0 and x.0: Technologies, Business and Social Applications*, Published by Information Science Reference, USA,

chapter no 43, ISBN 978-1-60566-384-5 Information Science Reference, USA, October 2009, IGI Global, USA, 2009, Editor- San Murugesan

PAPERS AND CONFERENCE PRESENTATIONS (5)

- Trivedi, B.** And Unhelkar, B. (2015), Environmental Intelligence Maturity Evaluation With Fuzzy Logic System – A Big Data Perspective, *SDPS 2015*, ISSN 1090-9389, November 1- 5, 2015, Dallas Fort Worth, Texas
- Trivedi, B** and Unhelkar, B. (2013), The Impact of Green ICT Practices on the Environmental Intelligence of an Organization, *2013 International Symposium on Computational and Business Intelligence*, Paper selected for ISCBI 2013 to be held from 24 – 26th August, 2013, New Delhi.
- Trivedi, B.** and Unhelkar, B. (2013), Environmental Compliance in Green ICT and its Impact on Collaborative Business, SEARCC International Conference 2013, to be held from 12th - 14th August, 2013, CSSL (Computer Society of Sri Lanka), Sri Lanka
- Unhelkar, B., and **Trivedi, B.** (2009), “Merging Web Services with 3G IP Multimedia systems for providing Solutions in Managing Environmental Compliance by Businesses”, *Proceedings of the Third International Conference on Internet Technologies and Applications* (Internet Technologies and Applications, ITA 09), 8-11 Sep, 2009, Wrexham, North Wales, UK
- Trivedi, B.**, and Unhelkar, B. (2009), Semantic Integration of Environmental Web Services in an organization, *Proceedings Of The Second International Conference On Environmental And Computer Science*, Page no 284 – 288, Published by IEEE Computer Society, ISBN 978-0-7695-3937-9 (2009)

Book:

Reviewer: The Journal for Applied Computing and Informatics, Imprint: KING SAUD UNIVERSITY, SSN: 2210-8327

Editorial Board Member : International Journal of Green Computing, IGI Publishing, USA, vol 2, No 1, January – June , 2011, ISSN: 1948-5018

Editorial Help: Green IT Strategies and Applications: Using Environmental Intelligence (Advanced & Emerging Communications Technologies), ISBN-10: 1439837805 | ISBN-13: 978-1439837801 (Taylor & Francis, 2011)

Editorial Help: Mobile Enterprise Architecture: Models and Applications, (Cutter IT - April, 2008)

Editorial Help: Environmentally Responsible Business Strategies for a Green Enterprise Transformation – Cutter Consortium, Business _IT Strategies, Vol 13, No. 2 – Written by Dr. Bhuvan Unhelkar

Awards/Recognitions:

- She is **first elected women Chairperson** of Indian Institute of Materials Management (IIMM) since Aug, 20, 2021
- In January 2020 she received a prestigious award for '**Best Women Performer in Skill Development**' hosted by **NITI Aayog, Government of India**.
- She was invited visit to ESCAP – **United Nations Bangkok** in the month of August, 2019 at United Nations Conference.
- She visited to **Tashkent** in August, 2018 as a high-level delegation member of Minister of Commerce and Industries, Government of India 2018.
- Nominated as a National Expert by Ministry of Commerce, Government of India for APO (Asian Productivity Organization) global research. The coordination meeting was held in **Seoul, South Korea (September, 2016)**
- Selected by Government of India for multi country observational study on Innovation in ICT in service sector at **Dhaka, Bangladesh (January, 2018)**
- Invited by Global Education and Skill Forum to be held at **Dubai (17 – 18 March, 2018)**
- Invitation as a Speaker for International Green IT Awareness Week Virtual Conference - a seven-day, multi-time zone, global, online event (1st - 7th June 2013).
- **Best Faculty Award:** National Convention IIMM (2014)