

Nitish Gupta

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EDUCATION

Birla Institute of Technology and Science (BITS-Pilani), Pilani, Rajasthan, India
Master of Business Administration, Aug, 2012-May 2014 (1st class with distinction)

University of Cambridge, United Kingdom
Visiting Research Scholar, MBA dissertation, Department of Engineering, Jan-May 2014
Title: *Strategic technology management: the context for technology selection*

University of Cambridge, United Kingdom
Visiting Research Scholar, Centre for Technology Management,
Institute for Manufacturing (IfM), Department of Engineering, May-July 2013
Title: *Technology Leadership and Deployment*

Guru Gobind Singh Indraprastha University, Delhi, India
B.Tech in Computer Science Engineering (1st class with distinction) 2011

Central Board of Secondary Education, Delhi, India
All India Senior Secondary School Examination (85.80 %), May, 2007
All India Secondary School Examination (82.80 %), May, 2005

EXPERIENCE

Tokyo Institute of Technology, Tokyo, Japan May, 2014-Present
Research Fellow, Graduate School of Innovation Management

- R&D planning, Technology Selection Strategy

Birla Institute of Technology & Science, Rajasthan, India Aug-Dec, 2013
Teaching Assistant

- Work Integrated Learning Program, Project Management

Tata Consultancy Services, Mumbai, India Sept, 2011- July, 2012
Assistant System Engineer Trainee

- *Researcher*, Tata Research Development & Design Centre, Pune
Embedded software system verification & validation complying ISO standards
- *Information Technology Manager*, Strategic Business Unit (SME), TCS-iON(pay per use)

Defence Terrain Research Laboratory, Delhi, India

2010-2011

Research Intern

- Natural Computational techniques for satellite image classification

Laser Science and Technology Centre, Delhi, India

June-July 2009

Intern

- Application program for remote control operation of shutter & powering diode in LabView

CERTIFICATE

Standardization & Testing Quality Certification, Government of India, Delhi, India

- Certified Software Test Manager, June 2012

Consultancy Development Centre, Government of India, Delhi, India

- Management Consultancy, March 2012

Consultancy Development Centre, Government of India, Delhi, India

- Technical Consultancy, June 2012

PROJECT

- **Sovereign Credit rating analysis using SPSS**
Reliability measurement of determining factors by international agencies used for rating
- **Demand forecasting for wireless telecommunications industry in Pilani**
Estimating the number of mobile subscribers in 2012 & 2013 using Time-series model
- **Demand forecasting for stationary industry in Pilani**
Estimating the stationary demand in 2012 using Econometric model
- **Porter's five force model for semiconductor industry**
Industry analysis for making the business strategy for semiconductor companies
- **Microsoft Corporation – Structure and culture**
Overview of organisational structure and culture using OCP framework
- **Satellite image classification using Bio-Geography based optimization**
Classifying the pixels of image using the algorithm based on migration of birds

SCORE

International English Language Testing System (**IELTS**)

Overall band score: **7.0/9.0**

Pearson Test of English - Academic (**PTE-A**)

Overall score: **65/90**

PUBLICATION

- Nitish Gupta, Vinod Kumar Panchal "**Artificial intelligence for mixed pixel resolution**" IEEE International Geoscience & Remote Sensing Symposium, Canada, 2011
- Nitish Gupta, Bidisha Das, Vinod Kumar Panchal, Vartika Singh "**Membrane Computing for Water Body Area Extraction from Satellite Image**" International Conference on Intelligent Systems & Networks, India – IISN, 2011.
- Vinod Kumar Panchal, Sonakshi Gupta, Nitish Gupta, Mandira Monga "**Eliciting Conflict in Expert's Decision for Land Use**" IEEE International Conference on Environment Engineering & Applications, Singapore – ICEEA, 2010

INVITED TALK / WORKSHOP

- "**How to do research**", 2012
Rayat Institute of Engineering & Technology, Ropar, India
- "**Research Methodology**", 2012
Shri Guru Tegh Bahadur Institute of Management, Delhi, India

AFFILIATION

- *Graduate Student Member, IEEE* (2011-2012)
- *Guest Member*, Institute of Management Consultants, U.S.A (2011-2012)
- *Member*, National Human Resource Development Network (**NHRDN**), India
- *Global Member*, Internet Society (**ISOC**) and European Alliance for Innovation (**EAI**)
- Internet Association of Engineers (**IAENG**), Hong King
- Society of Digital Information & Wireless Communication (**SDIWC**), U.K.
- Institute for Computer Sciences, Social Informatics & Telecommunication Engg. (**ICST**)
- *Regular Member*, Machine Intelligence Laboratory, U.S.A
- *Member*, Young Researcher Committee, World Federation of Soft Computing
- *Member*, Singapore Institute of Electronics
- *Member*, World Academy of Science, Engineering and Technology (**WASET**)
- *Member*, Science and Engineering Institute, Hong Kong

VOLUNTARY WORK

- **American Association of Advancement of Science (AAAS)**

Reviewer, Science Books & Films

Review published on **Introduction to Physics**, Hollar Sherman: Britannica Publication

- **World Scientific and Engineering Academy and Society (WSEAS)**

Reviewer, International Conferences and Journals

7th WSEAS International conference on Business Administration, Italy, 2013

3rd International Conference on Business Administration, Switzerland, 2012

3rd European Conference of Circuit Technology and Devices, Paris, 2012

3rd International Conference on Circuit, Systems, Controls and Signals, Spain, 2012

12th WSEAS Conference on Systems Theory & Scientific Computation, Istanbul, 2012

International Conference on Networks, System for Communication, Education and Data Processing, Portugal, 2012

11th International Conference on Microelectronics, Nanoelectronics and Optoelectronics, France, 2012

11th International Conference on Telecommunication and Informatics, France, 2012

11th International Conference on Signal Processing, France, 2012

12th International Conference on Applied Computer Science, Singapore, 2012

International Conference on Computing, Information Systems and Communications, Singapore, 2012

International Conference on Digital Services Internet and Applications, Singapore, 2012

6th European Computing Conference, Prague, 2012

Reviewer, **International Conferences and Journals**

4th Computer Science and Electronics Engineering Conference, University of Essex, 2012

3rd International Conference on Computer Technology & Development, China, 2011

IEEE Control and System Graduate Research Colloquium, Malaysia, 2012

International Journal of Computer Science Issues

International Journal of Artificial Intelligence and Expert System

International Journal of Network Securities

International Journal of Modern Engineering

International Journal of Engineering Research and Innovation

International Journal on Advances in Engineering and Technology

International Journal by bioINFO Publications

Hidden Science Volunteer, **Science Council**, United Kingdom

Volunteer, **Internet Society** Deployment 360 Program

Member, Scientific Committee and Editorial Review Board, Engineering and Physical Sciences, **WASET**

AWARDS / ACHIEVEMENTS

- *First Prize*, **AD-O-MANIA**, Oasis-2012, BITS-Pilani
- *Student Travel Grant Award*, IEEE IGARSS, 2011
- Among top 17 % in India in 6th National Aptitude Test by NIIT, 2010

CO-CURRICULAR ACTIVITIES

- *Editor*, **Reflexionar**, The Management Magazine, BITS-Pilani
- *Member*, Planning and Control Club, Management Association, BITS-Pilani
- *Co-ordinator*, CORONA, 2011 – Inter College Annual Fest, BPIT
- Participated in JAVA, SOLARIS and SQL program by NIIT Technologies

PERSONAL DETAILS

Date of Birth: 20-01-1990, *Nationality*: Indian, *Gender*: Male, *Marital status*: Single