

PRADEEP TOMAR, Ph.D.

Assistant Professor

Department of Computer Science and Engineering,
School of Information and Communication Technology,
Gautam Buddha University, Greater Noida, 201 308,
Distt. Gautam Budh Nagar, Uttar Pradesh, INDIA.



PROFESSIONAL QUALIFICATION

Degree: **University/Board/Institute/Deptt.**

Ph.D. **Doctorate in Philosophy (Ph.D.) in Computer Science**

Topic: Analysis, Design and Development of Component-Based Reusable Models and Testing Processes.

Department of Computer Science and Applications

Maharshi Dayanand University, Rohtak, Haryana, INDIA.

M.C.A. **Master of Computer Applications (M.C.A.)**

Guru Jambheshwar University of Science and Technology, Hissar, Haryana, INDIA.

Diploma: **University/Board/Institute/Department**

PGDCPCL **Post Graduate Diploma in Copyright, Patent and Cyber Laws**

Kurukshetra University, Kurukshetra, Haryana, INDIA.

Certificate: **University/Board/Institute/Department**

CCS **Certificate Course in Spanish**

Maharshi Dayanand University, Rohtak, Haryana, INDIA.

CCF **Certificate Course in French**

Madurai Kamraj University, Madurai, Tamilnadu, INDIA.

PUBLICATIONS

INTERNATIONAL JOURNALS 05

- Kumar, A.; **Tomar, P.** and Panwar, D. (2011). “**Challenges Faced during Software Component Selection**”, International Journal of Software Engineering Research and Development (IJSERD) (Accepted)
- Gill, N. S. and **Tomar, P.** (2011). “**New and Innovative Process to Construct Testable Component with Systematic Approach**”, ACM SIGSOFT, New York, USA, Vol. 36, No. 1, pp. 1-4.
- Gill, N. S. and **Tomar, P.** (2010). “**Modified Development Process of Component-Based Software Engineering**”, ACM SIGSOFT, New York, USA, Vol. 35, No. 2, pp. 1-6. (Tagged in <http://www.mendeley.com/research-papers/tag/object+oriented+programming>)
- Gill, N. S. and **Tomar, P.** (2008). “**X Model: A New Component-Based Model**”, M. R. International Journal of Engineering and Technology, Faridabad, INDIA, Vol. 1, pp.1-10.
- Gill, N. S. and **Tomar, P.** (2007). “**Component-Based Software Testing Requirement and Test Cases Processes Documentation Revisited**”, ACM SIGSOFT, New York, USA, Vol. 32, No. 2, pp. 1-4.
- **Tomar, P.**; Rai, B. and Kharb, L. (2007). “**New Vision of Computer Forensic Science: Need of Cyber Crime Law**”, paper published in Internet Journal of law, Health Care & Ethics, Vol. 4.
<http://www.ispub.com/ostia/index.php?xmlPrinter=true&xmlFilePath=journals/ijlhc/vol4n2/cyber.xml>

NATIONAL JOURNALS 03

- Panwar, D.; **Tomar, P.**; Gill, N. S. and Kumar, A. (2011). “**New Method to Analyze the Impacts on Reliability and Reusability in Component-Based Software Development**”, IMS Manthan. (Accepted)
- Gill, N. S. and **Tomar, P.** (2009). “**Social Challenges and Role of IT in Rural Development**”, CSMS Journal with special issue on Information Technology & Rural Development, Vol. 4, Issue 1 & 2, pp. 1-8.
- Gill, N. S. and **Tomar, P.** (2006). “**Major Challenges Faced in Component-Based Software Reuse**”, Journal of Computer Science, Vol. 2, No. 01, pp. 53-58.

INTERNATIONAL CONFERENCE 06

- Tomar, S.; **Tomar, P.** and Sharma, R. K. (2011). “**Strengthening Women of Self Help Groups Through Information Technology**”, International Conference on Managing Excellence for Emerging Global Paradigm in Business and Technology, Review of Business and Technology Research, Vol. 4, No. 1, 2011, ISSN 1941-9414, pp. 1-4.
- **Tomar, P.** and Gill, N. S. (2010). “**Verification & Validation of Component with New X Component-Based Model**”, proceedings of 2010 International Conference on Software Technology and Engineering, San Juan, Puerto Rico, USA, ISBN: 978-1-4244-8667-0, Vol. 2, pp.V2 365-V2 371. (*Indexed in IEEE Xplore*).
- Gill, N. S. and **Tomar, P.** (2007). “**Component Traceability, Testability and Testing: A Challenge in Component-Based Software Development**”, proceedings of International Conference on Trends in Information Sciences and Computing, Sathyabama University and Tata Consultancy Services, Chennai, INDIA, pp.704-707.
- Gill, N. S. and **Tomar, P.** (2007). “**Impacts of Inadequate Testing and Testing Infrastructure in Component-Based Software Testing and Development**”, proceedings of International Conference on Trends in Information Sciences and Computing, Sathyabama University and Tata Consultancy Services, Chennai, INDIA, pp.687-690.
- Gill, N. S. and **Tomar, P.** (2007). “**Origin, Growth and Future of Software in Service Industry in India**”, proceedings of International Conference on Trends in Information Sciences and Computing, Sathyabama University and Tata Consultancy Services, Chennai, INDIA, pp.553-555.
- **Tomar, P.**; Gill, N. S. and Singh R. (2005). “**Wireless Communication through WATM: Past, Present & Future**”, proceedings of International Conference on Challenges in Networking & Future e-Commerce, APIIT, Panipat, Haryana, INDIA, pp. 181-188.

NATIONAL CONFERENCE 16

- **Tomar, P.**; Gill, N. S. and Singal, B. K. (2011). “**Steganography through DNA Computing: A Secure Approach for Mobile Communication**”, proceedings of Emerging Trends in Mobile Technologies and Security organized by Department of Computer Science & Applications, Maharshi Dayanand University, Rohtak, Haryana, INDIA, pp. 257-258.
- Singh, R. and **Tomar P.** (2011). “**Review and Analysis of Steganography Techniques**”, proceedings of Emerging Trends in Mobile Technologies and Security organized by Department of Computer Science & Applications, Maharshi Dayanand University, Rohtak, Haryana, INDIA, pp. 325-328.

- Gill, N. S. and Tomar, P. (2007). “**Component-Based Software Reusability: Success, Failure & New Directions**”, proceedings of National Conference on Information Technology: Present, Practices and Challenges, Asia Pacific Institute of Management, New Delhi, INDIA, pp. 361-365.
- Gill, N. S. and Tomar, P. (2007). “**Software Component Technology: An Easy Way to Enhance Software Reusability**”, proceedings of 94th Indian Science Congress Conference, Annamalai University, Tamilnadu, INDIA, pp. 18-19.
- Gill, N. S. and Tomar, P. (2007). “**Reliability & Security in Open Source Software: Review & Analysis**”, proceedings of 94th Indian Science Congress Conference, Annamalai University, Tamilnadu, INDIA, pp. 21.
- Tomar, P.; Kharb, L. and Kumar, R. (2006). “**Software Tools and Techniques used in Bioinformatics Research to Access Biological Database & Gene Identification**”, proceedings of National Conference of Bioinformatics Computing (BioCon-2006), Chaudhary Devi Lal University, Sirsa, Haryana, INDIA.
- Tomar, P.; Singh, R. and Kharb, L. (2006). “**Bioinformatics: Origin, Theory and Prospects**”, proceedings of National Conference on Communication & Computational Techniques: Current and Future Trends, Dehradun Institute Technology, Dehradun, Utranchal, INDIA, pp. 242-245.
- Tomar, P.; Singal, B. K. and Gill, N. S. (2006). “**Cellular Mobile Communication in the Cyber World of 21st Century: Evolution or Revolution**”, proceedings of National Seminar on Network Technologies sponsored by AICTE held at Career Institute of Technology and Management, Faridabad, Haryana, INDIA, pp. 40.
- Tomar, P. and Gill, N. S. (2006), “**Ontology Based Natural Language Processing for Improving the Ambiguities of Semantic Web Search**”, proceedings of National Seminar on Network Technologies sponsored by AICTE held at Career Institute of Technology and Management, Faridabad, Haryana, INDIA, pp.19.
- Tomar, P.; Yadav, R. and Singh, R. (2005). “**Control Plane Policing (CoPP) Protects Route Processor from Distributed Denial of Service Attacks: Defense & Solutions**”, proceedings of National Conference on Intelligent System & Network, Haryana Engineering College, Jagadhari, Haryana, INDIA with Institution of Electronics & Telecommunication Engineering (IETE), pp. 288.
- Singh, R. and Tomar, P. (2005). “**Cyber Laws in India: Role & Improvement**” proceedings of National Conference on “India in the Globalised World: Challenges & Opportunities”, All India Law Teachers Congress and Faculty of Law, Maharshi Dayanand University, Rohtak, INDIA, pp. 81.
- Tomar, P. and Yadav, M. (2005). “**Distributed Denial of Services Attacks: A Challenge**”, proceedings of COGNITION 2K5, National level Technical Symposium, Department of Studies in Computer Science, University of Mysore, Mysore, Karnataka, INDIA, pp. 26.
- Tomar, P. (2005). “**DNA Computing: Definition and Practical Uses**”, proceedings of Second National Conference on Advanced Images Processing and Networking, Department of Computer Science and Engineering and Information Technology, National Engineering College, Kovilpatti, Tamilnadu, INDIA, pp. 300-309.
- Tomar, P.; Sohal, A. S. and Dahiya, R. (2005). “**DNA Computing: Origin and Future**”, proceedings of National Conference Bioinformatics Computing, Thapar Institute of Engineering and Technology, Patiala, Punjab, INDIA, pp. 84.

- **Tomar, P.** and Singh, R. (2005). “**Wireless Communication through WATM: Technology Status & Challenges**”, proceedings of National Level Conference on Recent Advances and Future Trends in Information Technology, Department of Computer Science, Punjabi University, Patiala, Punjab, INDIA, pp.112-115.
- **Tomar, P.** and Singh, R. (2005). “**Defense & Solution against Denial of Services Attacks: A Challenge**”, proceedings of Second National Conference on Advanced Images Processing and Networking, National Engineering College, Kovilpatti, Tamilnadu, INDIA, pp. 201-208.

ABSTRACT: INTERNATIONAL CONFERENCES 02

- **Tomar, P.;** Singh, R.; Sohal, A. S. and Dahiya, R. (2005). “**Cryptography + Steganography in DNA Computing: An Intelligent Approach for Secure Data Communication**”, proceedings of 12th International Conference on Statistics Combinatorics, Mathematics and Applications, Auburn University, Auburn, Alabama, USA, pp. 79-80.
- **Tomar, P.** and Singh, R. (2005). “**Functional and Object-Oriented Metrics for Object-Oriented Systems: An Overview and Comparison**”, proceedings of 12th International Conference on Statistics Combinatorics, Mathematics and Applications, Auburn University, Auburn, Alabama, USA, pp. 79-80.

ABSTRACT: NATIONAL CONFERENCES 10

- Kumar, R.; Kumar, K. and **Tomar, P.** (2011). “**A New Three Tier Certification Architecture in Component-Based Software Development**”, proceedings of National Conference on Advancements in Communication, Computing & Signal Processing jointly organized by COMMUNE Invite Minds and School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA, pp. 19.
- Panwar, D.; **Tomar, P.** and Kumar, P. (2011). “**Investigation of Methods to Make the CBSE Process More Effective to Develop Quality Software**”, proceedings of National Conference on Advancements in Communication, Computing & Signal Processing jointly organized by COMMUNE Invite Minds and School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA, pp. 29.
- Baliyan, N.; **Tomar, P.** and Baliyan, P. (2011). “**Comparative Study of Source Code Metrics For Programming Languages**”, proceedings of National Conference on Advancements in Communication, Computing & Signal Processing jointly organized by COMMUNE Invite Minds and School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA, pp. 29.
- Bhadana, A. and **Tomar, P.** (2011). “**Comparative Study of Software Quality Models to Improve Software Quality in Software Industry**”, proceedings of National Conference on Advancements in Communication, Computing & Signal Processing jointly organized by COMMUNE Invite Minds and School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA, pp. 27.
- **Tomar, P.;** Rohit and Gill, N. S. (2011). “**Design and Development of a Framework for Mobile Chat Application with Silverlight**”, proceedings of Emerging Trends in Mobile Technologies and Security organized by Department of Computer Science & Applications, Maharshi Dayanand University, Rohtak, Haryana, INDIA.
- Kumar, A.; **Tomar, P.;** Gill, N. S. and Panwar, D. (2010). “**New Optimal Process for Selection of Software Components**”, proceedings of 1st National Conference on Next Generation Computing

and Information Security, jointly organized by Computer Society of India and Institute of Management Studies, Noida, Uttar Pradesh, INDIA, *pp.* 376.

- Panwar, D.; **Tomar, P.**; Gill, N. S. and Kumar, A. (2010). “**New Method to Analyze the Impacts on Reliability and Reusability in Component-Based Software Development**”, proceedings of 1st National Conference on Next Generation Computing and Information Security, jointly organized by Computer Society of India and Institute of Management Studies, Noida, Uttar Pradesh, INDIA, *pp.* 379.
- Gill, N. S. and **Tomar, P.** (2008). “**Object + Component + Aspect Oriented Software Development: All are Interrelated but have Different Development and Practitioner View**”, proceedings of Second National Conference INDIACom-2008, Computing for Nation Development, Bharati Vidyapeeth’s Institute of Computer Application and Management, New Delhi, INDIA New Delhi, INDIA, *pp.* 697.
- Gill, N. S. and **Tomar, P.** (2008). “**Need and Nature of Verification & Validation in Component-Based Software Development**”, proceedings of Second National Conference INDIACom-2008, Computing for Nation Development, Bharati Vidyapeeth’s Institute of Computer Application and Management, New Delhi, INDIA, *pp.* 669.
- **Tomar, P.** and Gill, N. S. (2008). “**Cryptography + Stegnography helps in creating a Secure Information Technology Infrastructure for Data Transmission with the help of DNA Computing and Bioinformatics**”, proceedings of Second National Conference INDIACom-2008, Computing for Nation Development, Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi, INDIA, *pp.* 696.

PAPER PRESENTED: NATIONAL CONFERENCES 01

- **Tomar, P.** (2004). “**Scalability and Security of Intelligent Information Networks: Challenges and Opportunities**”, National Conference on Intelligent System & Network, Haryana Engineering College, Jagadhari, Haryana, INDIA with collaboration of Institution of Electronics & Telecommunication Engineering (IETE).

PAPERS & ARTICLES PUBLISHED IN BOOKS/JOURNALS/MAGZINES 01

- **Tomar, P.**; Sohal, A. S. and Dahiya, R. (2005). “**DNA Computing: Origin and Future**” in “**Soft Computing**”, Publisher: Allied Publisher Pvt. Ltd., A-104, Mayapuri Phase II, New Delhi INDIA, *pp.* 156-160.

BOOKS PUBLISHED 02

- Gupta, V. K.; **Tomar, P.** and Walia, P. (2003). “**Teaching of Mathematics**”, Publisher: Vinod Publication, Ludhaina, Punjab, INDIA.
- **Tomar, P.** (2005). “**Communication and Information Technology**”, Publisher: Vinod Publication, Ludhaina, Punjab, INDIA.

SHORT TERM COURSES/WORKSHOPS/TRAINING PROGRAMME ATTENDED

- **Workshop on Wireless Communication** organized by School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA, April 20th, 2011.

- **Workshop on Impact of Information Technology in Indian Society** organized by School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA, March 22nd, 2011.
- **Workshop on Open Educational Resources and WikiEducator** organized by School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA, sponsored by Commonwealth Educational Media Centre for Asia, New Delhi, INDIA. June 9th -11th, 2010.
- **Workshop on Database Management Technology DB-2** organized by School of Information Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA in collaboration with IBM INDIA. May 20th - 23rd, 2010.
- **Workshop on Secure Code Review for PHP Applications and Secure Coding in PHP: Developing Defensive Applications** at Ministry of Communications and Information Technology, Department of Information Technology, Indian Computer Emergency Response Team (CERT-In), New Delhi, INDIA. December 7th-8th, 2009.
- **Workshop-cum-demo on Open Source Software Tools/Techniques** organized by Center for Development of Advanced Computing, Noida, Gautam Budh Nagar, New Delhi, INDIA. July 29th, 2009.
- **Short Term Course on Brihaspati2 Installation, Management & Effective Use** at Indian Institute of Technology, Kanpur, Uttar Pradesh, INDIA. June 20th -21st, 2009.
- Training of **Software Testing Tools**, Software Technology Center, New Delhi, INDIA. 2007.
- **One Day Training Program on Cyber Security**, D.A.V. Institute of Management, Faridabad, Haryana, INDIA. April 7th, 2007.
- **Workshop on Advances in Bioinformatics**, organized by Distributed Informatics Sub-Centre (DISC), Department of Biotechnology, Guru Nanak Dev University, Amritsar, Punjab, INDIA. February 23rd-24th, 2006.
- **Workshop on Faculty Development**, organized by ICFAI National College, Rohtak, Haryana, INDIA. Feb. 25th, 2006.
- **Three Days workshop in Bioinformatics: Genomics and Proteomics** organized by Birla Institute of Scientific Research, Jaipur, Rajasthan, INDIA sponsored by Department of Biotechnology, Govt. of India, New Delhi, INDIA. January 11th-13th, 2006.
- **Workshop on Information Technology for Teachers** organized by Department of Computer Science and Applications, Maharshi Dayanand University, Rohtak, Haryana, INDIA. January 7th, 2006.
- **Patent Awareness Workshop**, organized by Patent Information Centre, Hissar, Haryana in collaboration with TIFAC, New Delhi, INDIA and Department of Biosciences, Maharshi Dayanand University, Rohtak, Haryana, INDIA. December 30th, 2005.
- **Third National Level Technical Festival “KSHITIJ 2004” (The Horizon of IT and Culture)**, organized by Department of Computer Science & Engineering, Guru Jambheshwar University, Hisar, Haryana, INDIA. October 15th-16th, 2004.
- **Workshop on Bioinformatics Tools and Their Applications** organized by Department of Biochemical Engineering & Biotechnology, Indian Institute of Technology, New Delhi, INDIA, sponsored by Department of Biotechnology, Govt. of India, INDIA. March 30th-31st, 2004.

- **Conference on e-Security, Cyber Crime & Cyber Law** organized by Mahatma Gandhi State Institute of Punjab Administration, Punjab, INDIA at Hotel Shivalikview, Chandigarh, INDIA. February 19th-20th, 2004.
- **Seminar-Cum-Training Programme on Electron Microscopy** jointly organized by Kurukshetra University, Kurukshetra, Haryana, INDIA and Sophisticated Analytical Instrumentation Facility (SAIF), Punjab University, Chandigarh, INDIA. January 29th-31st, 2004.
- **National Seminar on Ecology and Environmental Management, Issues and Research Needs** organized by Department of Botany, Kurukshetra University, Kurukshetra, Haryana, INDIA.
- **91st Indian Science Congress** on the theme of **Sciences and Society in the Twenty First Century- Quest for Excellence**, Punjab University, Chandigarh, INDIA. January 3rd-7th, 2004.
- **Third “Hindi” Indian Science Congress** organized by Vigyan Bharti and Bhartiya Swadeshi Science Movement, Delhi at National Physics Laboratory, New Delhi, INDIA. February 19th-21st, 2003.
- **Patent Awareness Workshop** jointly organized by Kurukshetra University, Kurukshetra, Haryana, INDIA and Punjab State Council for Science & Technology, Chandigarh, INDIA. November 25th, 2002.
- **Workshop-Cum-Training Programme on Recent Trends in Genomics and Proteomics** organized by Bioinformatics Center, (Sub-DIC), Himachal Pradesh University, Shimla, Himachal Pradesh, INDIA. October 24th -26th, 2002.
- **Seminar-Cum- Workshop on Preparing Teaching Aids & Handling of Latest Machine** sponsored by UGC, New Delhi at University College of Education, Kurukshetra University, Kurukshetra, Haryana, INDIA. September 25th-27th, 2002.
- **Workshop-Cum-Training Programme on Tools & Techniques to Access Biological Database**, organized by Bioinformatics center, Department of Biotechnology, Himachal Pradesh University, Shimla, Himachal Pradesh, INDIA, sponsored by Department of Biotechnology, Govt. of India, INDIA. June 20th-22nd, 2002.

MAJOR PROJECT/M.TECH. DISSEERTATION/ Ph.D. THESIS SUPERVISED

MAJOR PROJECT SUPERVISED 02

- 1 Design and Development of Chat Application
Technology: JAVA
- 2 Design and Development of Hostel Management System through Open Source Technology.
Technology: PHP

M.TECH. DISSERTATION SUPERVISED 02

- Design and Development of Component Selection Process and Algorithm for Optimal Component Selection in Component-Based Software Engineering, **Arvind Kumar**, May 2011.
- Identification of Faults with the help of Software Reliability and Reusability Prediction Methods in Component-Based Software Engineering, **Deepak Panwar**, May, 2011.

ACHIEVEMENTS

CERTIFICATES OF MERIT

- ✓ **Certificate of Color/Merit** in NSS with 'A' Grade from Kurukshetra University, Kurukshetra, Haryana, INDIA. 1996-1997.
- ✓ **Certificate of Merit** in NSS from Department of Honors and Evening Studies, Kurukshetra University, Kurukshetra, Haryana, INDIA. 1996-1997.
- ✓ **Certificate of Merit** for participating in 7th All India Inter University Youth Camp at Punjabi University, Patiala, Punjab, INDIA. December 28th - 30th, 1996.

TEST OUALIFIED AND CERTIFICATION

- **National Eligibility Test (NET)** qualified for Lecturership in **Computer Applications**.
- **MCP (Microsoft Certified Professional)** qualified in August 2008.
- **SCJP (SUN Certified JAVA Programmer)** qualified for the JAVA platform, standard edition 5.0. in September 2008.
- **IBM Certified Database Associate - DB2 9 Fundamentals** qualified in May 2010.

CHAIR SESSION IN CONFERENCES 01

- ✓ Chair the **Computing Techniques Session** in 1st National Conference on Next Generation Computing and Information Security, jointly organized by Computer Society of India, CSIR and Institute of Management Studies, Noida, Uttar Pradesh, INDIA. March 25th - 26th 2011.

EXPERT TALKS 02

- ✓ Act as a **Resource Person** in **Workshop-Cum-Seminar on Preparing Teaching Aids & Handling of Latest Machine** at University College of Education, Kurukshetra University, Kurukshetra, Haryana, INDIA, sponsored by UGC, New Delhi, INDIA. September 25th-27th, 2002.
- ✓ Act as a **Resource Person** in **National Conference on Next Generation Computing and Information Security**, jointly organized by Computer Society of India and Institute of Management Studies, Noida, Uttar Pradesh, INDIA. March 25th - 26th 2011.

EXPERIENCE

TEACHING EXPERIENCE

POSTGRADUATE LEVEL

- Working as **Assistant Professor** in Department of Computer Science and Engineering, School of Information and Communication Technology, **Gautam Buddha University**, Greater Noida, Uttar Pradesh, INDIA.
Programme Name: M.Tech. ICT for Engineering Graduates
M.Tech. ICT for Science Graduates
From - to: **14th July, 2011** to till date.
- Worked as **Assistant Professor (Consolidated Salary)** in Department of Computer Science and Engineering, School of Information and Communication Technology, **Gautam Buddha University**, Greater Noida, Uttar Pradesh, INDIA.

Programme Name: M.Tech. ICT for Engineering Graduates
M.Tech. ICT for Science Graduates
From - to: 30th June, 2011 to 14th July, 2011.

- Worked as **Faculty/Research Associate** in School of Information and Communication Technology, **Gautam Buddha University**, Greater Noida, Uttar Pradesh, INDIA.

Programme Name: M.Tech. ICT for Engineering Graduates
M.Tech. ICT for Science Graduates
From - to: 9th April, 2009 to 30th June, 2011.

- Worked as a **Lecturer** in Department of Computer Science and Applications, **Maharshi Dayanand University, Rohtak**, Haryana, INDIA.

Programme Name: MCA (Master of Computer Applications)
From - to: August 11th, 2005 to October 28th, 2005
From - to: October 11th, 2004 to April 30th, 2005

- Worked as a **Lecturer** in Department of Electronics Science, **Kurukshetra University, Kurukshetra**, Haryana, INDIA.

Programme Name: M.Sc. in Information Technology
From - to: August 12th, 2003 to March 23rd, 2004.

GRADUATE LEVEL

- Worked as **Lecturer** in Department of Information Science and Technology, Govt. College for Boys, **Maharshi Dayanand University, Rohtak**, Haryana, INDIA.

Programme Name: BCA (Bachelor of Computer Applications)
From - to: August 8th, 2006 to June 30th, 2007.

- Worked as **Lecturer** in Department of Information Science and Technology, University College, **Maharshi Dayanand University, Rohtak**, Haryana, INDIA.

Programme Name: BCA (Bachelor of Computer Applications)
From - to: October 28th, 2005 to June 06th, 2006.

INDUSTRIAL EXPERIENCE

- Worked as **Software Engineer** in **OutworX Solutions Pvt. Ltd.**, US based MNC, H-195, Sector 63, NOIDA, Distt. Gautam Budh Nagar, Uttar Pradesh, INDIA. July 2nd, 2007 to April 8th, 2009.

PROJECTS & WORK EXPERIENCE IN OUTWORX

Employer: **OutworX Solution India Pvt. Ltd.**

OutworX is a leading Outsourced Product Development & Engineering company providing full-spectrum software product development services ranging from new product conceptualization and development to product QA & testing, product maintenance & support.

Client: **Guardian Edge, U.S.A**

Guardian Edge is the leader in endpoint data protection for the enterprise. Customers around the world depend on Guardian Edge solutions to protect sensitive and proprietary information, achieve regulatory compliance and enable secure enterprise mobility. The company's endpoint data protection solutions have been deployed by leading organizations, including Lockheed Martin Corporation, Deutsche Bank

AG and Humana Inc., as well as numerous agencies in the U.S. departments of veteran affairs, defense, state and education.

Team Members: 12

1 GEHD: (GuardianEdge Hard Disk)

Project Description:

GuardianEdge Hard Disk is the most effective way to protect data on corporate laptop and desktop computers. This software offers: Full disk encryption, meaning that the software encrypts every sector on a computer hard drive, including temp files, system files and unused disk space. Centralized management control over hard drive encryption settings, password settings, auditing and enforcement of information security policies. Seamless integration with Windows Server 2003, Active Directory and all other Encryption Anywhere solutions access control for local and network resources using pre-Windows authentication. Robust recovery options, including Authenti-Check® self-service password recovery and reset tool that eliminates the need for Help Desk support due to forgotten passwords.

2 EPMC: (Encryption Plus Management Console)

Project Description:

Encryption Plus Management Console is a Web services-based tool that provides real-time centralized management and auditing access by administrators of Encryption Plus Hard Disk. On a day-to-day basis, EP Hard Disk Administrators can run the EP Management Console as a Web services application, monitoring and administering hard disk security of all connected workstations from any Windows PC using an Internet connection and Internet Explorer 6.0 or later.

3 EPHD: (Encryption Plus Hard Disk)

Project Description:

Encryption Plus Hard Disk provides full disk encryption for corporate PCs running the Windows operating system. Simple to deploy, manage and use, this data security software solution controls access to Windows and pre-boot authentication and encrypts every sector of a computer hard drive, including temp files, system files and unused disk space. Businesses and government agencies like use on Encryption Plus Hard Disk to protect sensitive information and achieve compliance with data security and privacy regulations.

4 SEE-FD: (Symantec End Point–Full Disk Protection)

Project Description:

Symantec End Point–Full Disk Protection is a product same as GEHD of GuardianEdge. This product has been collaborated with Symantec and as been designed as per requirement of Symantec.

ADMINISTRATIVE EXPERIENCE

- Working as **Faculty-in-Charge** of Computer Programming Lab II in School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Distt. Gautam Budh Nagar, Uttar Pradesh, INDIA.
- Working as a **Treasurer**, Computer Society of India, Noida Chapter, Noida, Distt. Gautam Budh Nagar, Uttar Pradesh, INDIA. (<http://www.csi-india.org/web/csi/management-committee15>)
- Worked as a **Warden**, Sh. Chatar Pati Sahu Ji Maharaj Hostel, Gautam Buddha University, Greater Noida, Distt. Gautam Budh Nagar, Uttar Pradesh, INDIA. July 13th, 2009 to till date.

- Worked as a **Proctor**, Gautam Buddha University, Greater Noida, Distt. Gautam Budh Nagar, Uttar Pradesh, INDIA for session 2009-10.
- Worked as **Deputy Coordinator, Admission** in Gautam Buddha University, Greater Noida, Distt. Gautam Budh Nagar, Uttar Pradesh, INDIA for session 2009 to 2010.
- Worked as **Programme Coordinator** in M.Tech. ICT for Engineering Graduates and Science Graduates in School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Distt. Gautam Budh Nagar, Uttar Pradesh, INDIA for session 2009 to 2011.

MEMBER OF CONFERENCE/WORKSHOP/SEMINAR COMMITTEE

- Member of **Organizing Committee** in **2011 MTMI Annual Conference** at Metro Points Hotel, New Carrollton, MD, USA, October 20-22, 2011.
- Member of **Advisory Committee** in **International Conference on Managing Excellence for Emerging Global Paradigm In Business & Technology** in Collaboration With Modern Technology & Management Institute Inc (MTMI), USA, Confederation of Indian Industry (CII), and DBMA, University of Maryland, Eastern Shore, USA, July 15-16, 2011.
- Worked as **Organizing Secretary** in **COMMUNE Conference on Advancements in Communication, Computing & Signal Processing, 2011 (COMMUNE CACCS, 2011)**, jointly organize by COMMUNE and School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA, which is going to be held from April 16th - 17th, 2011.
- Worked as **Organizing Secretary** in “**State Level Technical Fest “CompuFest2006”** organized by Department of Information Science and Technology, University College, Maharshi Dayanand University, Rohtak, Haryana, INDIA. March 28th-29th, 2006.
- Worked as **Organizer and Editorial Member** in editorial board in the “**Workshop on Information Technology for Teachers”** organized by Department of Computer Science and Applications, Maharshi Dayanand University, Rohtak, Haryana, INDIA. January 07th, 2006.

MEMBERSHIP

- Professional membership of **Institute of Electrical and Electronic Engineering (IEEE)**.
- Professional membership of **IEEE Computer Society**.
- Professional Membership of **Association of Computing Machinery (ACM)**
- Life membership of **Computer Society of India (CSI)**.
- Life membership of **Indian Society for Technical Education (ISTE)**.
- Membership of **International Association of Engineering (IAENG)**.
- Membership of **International Association of Computer Science and Information Technology (IACSIT)**.

July 19, 2011

Dr. Pradeep Tomar