

**NIDHI AGARWAL**

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**Professional Qualifications:**

- 10<sup>th</sup> from CBSE Board (82%) in 1997.
- 12<sup>th</sup> from CBSE Board (72%) in 1999.
- B.Tech.in Computer Engineering and Information Technology from UP Technical University, Lucknow (73%) in 2004.
- M. Tech in Computer Science from IETE, New Delhi (78%) in 2011.

**Teaching experience: 13 years**

**Subjects of interest:** Neural Networks, Datamining, Artificial Intelligence, software engineering, software testing, Computer Graphics.

**Workshop/Seminar /FDP**

- Attended National level Seminar on “Technology Development for content creation & localization in Indian languages” at RKGIT Ghaziabad 2006.
- Actively participated in workshop on “Agile Software Development Methodology” at RKGIT Ghaziabad 2008.
- FDP on “Information and Knowledge Engineering By Using MATLAB” at IMS, Noida in August’12.
- FDP on “Instructional Design to Enhance Teaching Learning Process” at IPEC, Ghaziabad in May’13.
- Workshop on “ACM India Annual Event 2014” held from 14-16 Feb, 2014 at IIT, Delhi.
- Workshop on “Android” held on 1<sup>st</sup> March’2014 at IPEC, Ghaziabad.
- Faculty Development Program on “Developing .NET Applications for Windows” from 1-5 May, 2014 at IPEC, Ghaziabad.
- TWO- WEEK ISTE Short Term Training Programme (STTP) on Pedagogy for Effective use of ICT in Engineering Education Conducted by IIT Bombay Under the National Mission on Education through ICT (MHRD, Govt. of India) from 5-31 January 2015.
- Faculty Development Program on “Talk To A Teacher” as a part of Spoken Tutorial Project by IIT, BOMBAY on 21<sup>st</sup> Feb, 2015 at IPEC, Ghaziabad.
- Faculty Development Program on “Network Security and Ethical Hacking” from 11-13<sup>th</sup> August, 2016 at IPEC, Ghaziabad.

**Papers Published /Conferences Attended**

**International:**

- **Nidhi Agarwal**, “Applying TDD in large database- based Applications” in International conference ICON’2011 on “Organizations in The New Millenium: Challenges & Opportunities” at AKGIM, Ghaziabad.
- **Nidhi Agarwal**, “Virtual Modem For STB Network” in IEEE International conference

IEEE ICCCT-2011 on “Computer And Communication Technology” at MNNIT, Allahabad in September, 2011.

- **Nidhi Agarwal**, “Quality improvement in large database applications using TDDD” in International Journal Of Computer Science And Information Technology MITIJCSIT in August -2011.
- **Nidhi Agarwal**, “Evaluating the effectiveness of test driven Development for embedded systems” in International Conference on Mobile and Embedded Technology MECON’13 at Akgec , Ghaziabad in January -2013.
- **Nidhi Agarwal**, “An empirical evaluation of the Quality Improvement in software design process by adopting TDD approach” in International journal IJMER in August’13.
- Nidhi Agarwal, “Evaluation of the influence of the practice Agile Software Development over the quality of software design architecture” in International Conference ICCGEP’14 at JIMS, Ghaziabad on 8-9 February 2014.
- **Nidhi Agarwal**, “Obtaining Better Software Product by Using Test-First Programming Technique” in IEEE CONFLUENCE 2014 at Amity University, Noida from 25 -26 September, 2014.

**National:**

- **Nidhi Agarwal**, “Test driven development strategy for industries decision making software development” in National conference on “Corporate Strategies and Innovations In Emerging Global Economy” at GGSIP, Delhi in 2007.

**Membership of Professional Bodies**

- Member of **ACM**.
- **Member of CISTA**
- Life time member of Institution Of **Electronics And Telecommunication Engineers**.

**HONOURS and awards received**

- Received National Merit Certificate in 10<sup>th</sup> class in Mathematics.