

Gaurav Kumar

Associate Professor, Department of Mathematics

N.A.S. (P.G.) College, Meerut

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Research and Teaching Experience: 13 Years plus Experience

College: N.A.S. (P.G.) College, Meerut (Nov'00- July'05 and April '09 till date)

Role: Associate Professor, Department Of Mathematics

Responsibilities:

- Guiding and teaching graduate and post graduate students on various areas in Applied and Conceptual Mathematics
- Helping students to identify areas of research and development in the field of Mathematics and Computer Science

Area of Interest: Artificial Neural Network, Differential Equations, Mathematical Modeling, Six Sigma, Environmental Economics

Professional Experience: 3 Years 8 Months Experience.

Organization: Deutsche Bank International Operations (DBOI) Pvt Ltd–
Oct '08 till March '09

Role: Assistant Vice President – Transformation

Responsibilities:

- Supported **Transaction Management Group** in formulating and implementing Continuous Improvement Plan
- Drove productivity through Transformational Projects
- Developed Capacity models for processes across TMG
- Developed quality audit process to identify and track defects
- Imparted training on Six Sigma, Lean and build quality culture across organization.

Organization: Aviva Life Insurance India Ltd – Nov '07 till Oct '08

Role: Manager – Service Quality

Responsibilities:

- Identify Process Gaps and formulate continuous improvement plan across different verticals of organization.
- Mentored Green Belt, Yellow Belt, Lean and BPMS projects across organization.
- Implemented COPC standard in Operations vertical of Insurance

Organization: Genpact – July’05 till Oct ‘07

Role: Six Sigma Black Belt – Process Excellence

Projects Undertaken:

- Worked on various IT projects for customers of Genpact.
- Baseline, Construct and Analyze Service Level Agreements for IT Operation vertical using **Six Sigma tools (Statistical Tool like Minitab)**

Educational Qualification:

- **M.Tech. (Computer Applications)** from **I.I.T. Delhi**, C.G.P.A. 7.32, Dec 1998
- **M.Phil. (Mathematics)** from **I.I.T Roorkee**, 83.73%, July 1997
- **M.Sc. (Applied Mathematics)** from **I.I.T Roorkee**, 74.36%, June 1996

Skills and Achievements:

Academics:

- Published number of research papers on Air Pollution, Regression, Artificial Neural Network in national and international journals
- Participated in number of conferences/seminars at national and international level
- Have authored a **book on Advanced Calculus**
- Qualified **GATE-96** in Mathematics with **91.66** percentile
- Qualified **GATE-97** in Mathematics with **97.45** percentile
- Qualified **CSIR-NET** examination in July ‘1997
- **Gold Medal** in M.Phil. (Maths)
- Active member of **INSEE**

Professional:

- Tested **Six Sigma Black Belt**
- Certified **COPC** registered Coordinator
- **ITIL** certified professional
- Proficiency in tools like **IBM SPSS, MATLAB**