



Indian Institute of Technology  
Kanpur

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Education

- ❖ Doctor of Philosophy in Mathematics  
2009, IIT Kanpur, GPA: 8.33/10  
Thesis Title: Almost Periodic Solutions of Nonlinear Functional Differential Equations
- ❖ Master of Science in Mathematics  
2004, IIT Kanpur, GPA: 6.90/10
- ❖ Bachelor of Science,  
2001, LBS Degree College Gonda, Performance: 76.5%

Research Interest

Almost Periodic Solutions, Monotone Operator Theory, Functional Differential Equations, Stochastic Modelling, Method of Time Discretization & Applications.

Reviewer

**Reviewed paper for:**

- ❖ Mathematical and Computer Modeling (Elsevier Science).
- ❖ Applied Mathematical Modeling (Elsevier Science).
- ❖ Nonlinear Analysis, Real World Applications (Elsevier Science).

Workshops/  
conferences

**International:**

- ❖ Presented a poster titled '**Existence of almost periodic solution of delay differential equation**', in **6<sup>th</sup> international congress of industrial and applied mathematics 2007** held in **ETH Zurich** and University of Zurich, (**16-20<sup>th</sup> July 2007**)
- ❖ Presented a paper titled '**Almost periodic solutions of neutral functional differential equations**', in **Conference on scientific computing** held in University of Geneva, (**17-20<sup>th</sup> June 2009**)

**National:**

- ❖ Participated in the **Workshop and Conference on 'Analysis and Application'** held from **March 14 – 23, 2006** at the Department of Mathematics, Indian Institute of Science, Bangalore.
- ❖ Attended '**Second national workshop on tools in Applied Mathematics**', in the Department of Applied Mathematics, University of Calcutta, Kolkata. (**20<sup>th</sup>-28<sup>th</sup> June, 2006**)

- ❖ Presented paper titled '*Almost periodic solution of functional differential equations*', in the open house conducted by the Department of Mathematics and Statistics, IIT Kanpur. (20<sup>th</sup> January 2007)

#### Achievements

- ❖ Best Tutor Award by Director IIT Kanpur for MTH-101.
- ❖ Scored a percentile of **97.76 %** in GATE-2004.
- ❖ Awarded junior research fellowship for the year 2004-06.
- ❖ Awarded senior research fellowship for the year 2006-till now.
- ❖ Awarded MCM scholarship during M.Sc.
- ❖ Student member of SIAM.
- ❖ Founding Member of International Center for Scientific Research and Studies (www.i-csrs.org).

#### Software skills

- ❖ C / FORTRAN
- ❖ MATLAB, LATEX, MS-OFFICE
- ❖ Linux, Windows (98/2000/NT/xp), Unix.

#### Experience

- ❖ Worked on project titled "**effect of stochastic perturbation on phytoplankton model**" under the Indo-Swiss joint research programme at department of mathematics, **university of Fribourg, Switzerland** from 01-06-2009 to 30-08-2009.
- ❖ Worked as a Project Associate on **NBHM project** at IITK under Dr. D. Bahuguna from January, 2004 to July, 2004.
- ❖ Tutor in MTH-101 (Analysis for B. Tech. students).
- ❖ Tutor in MTH-428 (Mathematical Method for M.Sc. students).

#### Extra-curricular activities

- ❖ Participated in the '*National Workshop on Yoga and Naturopathy*' sponsored by AYUSH govt. of India, Ministry of health and F.W., held at IIT Kanpur (4-18 Feb., 2007).
- ❖ Worked as a Hall Executive Committee member of Hall-4.

#### Hobbies

Cricket, Table tennis, Lawn tennis, Watching movies, listening songs.

#### References

1. Prof. Dharendra Bahuguna  
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4. Dr. Azizuddin Khan  
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Personal Info

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Hall-4, IIT Kanpur, Kanpur-208016(U.P.)  
India  
❖ Language: English, Urdu, Hindi, Basic French.  
❖ Nationality: Indian  
❖ Date of birth: 15.12.1980

I, hereby confirm that the facts mentioned above are true to the best of my knowledge.

Dated: 07.10.2009  
Place: Kanpur, India.

(Syed Abbas)