

Dr. Najmuddin Ahmad
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Preeti Nagar, Lucknow-226021
U.P., India
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Objective:

A challenging pursuit in a reputed organization where I can utilize my skill and strength to achieve the organization's goal & objective and an opportunity to expand them.

Academic Qualification

1. **Ph.D.** in Mathematics in field of Numerical Analysis from Dr. R.M.L. Avadh University, Faizabad in 2010.

Topic: Comparison of Accuracy of Runge Kutta Fourth Order Method & Heun's Method

2. **M.Sc** in Mathematics (Goldmedalist) with 70% Marks from Dr. R.M.L. Avadh University, Faizabad in 1995.

Academic Experience: Total 11 year (after Ph.D 7 year)

1. **Assistant Professor in Department of Mathematics** faculty of Science, **Integral University Lucknow U.P INDIA** October 2011 to till date.
2. **Assistant Professor in Department of Applied Science (Mathematics) Jahangirabad Educational Trust Group of Institutions, Barabanki**, August 2010 to October 2011.
3. Worked as **Lecturer (Math) Department of Applied Science Dr. M.C. Saxena College of Engineering & Technology**, August 2009 to August 2010.

4. Three Years (2006 to 2009) As a **Lecturer (Math) in Azad Group of Educational Institutions, Lucknow.**

Ph. D. Supervision

- 1- **Name:** Mr. Vimal Pratap singh

Title: Study of iterative technique for the numerical solution of non linear equations alongwith stability criterion

Year of enrolment & enrollment no. : 2014 &1401032

Progress report: 03 paper published 04 communicated almost work completed.

- 2- **Name:** Mr. Shiv Charan

Title: Study of accuracy of stability analysis for numerical solution of ordinary and partial differential equations with boundary value problem.

Year of enrolment & enrollment no. : 2014 &1401034

Progress report: 02 paper published 01 communicated work continued.

- 3- **Name:** Mrs. Khan Farah Deeba

Title: Study of new approaches using spline technique and their error analysis

Year of enrolment & enrollment no. : 2015 &1502050

Progress report: 02 paper communicated work continued.

Administrative Expertise:

- Proctorial Board Member in Integral University Lucknow
- Deputy Registrar in Azad Group of Educational Institutions, Lucknow
- Proctorial Board Member in Azad Group of Educational Institutions & Dr. M.C Saxena Group of Colleges, Lucknow
- Member of Examination Cell, Dr. M.C Saxena Group of Colleges, Lucknow
- Proctorial Board Member, Jahangirabad Educational Trust Group of Institutions

Achievements:

- Achieved above **83%** result in Engineering Mathematics in UPTU examination for many consecutive years and 90-100% result in INTEGRAL UNIVERSITY,LUCKNOW examinations from 2011 till date.

Professional Qualification:

- Post Graduate Diploma in Plastic Testing and Conversion Technology from Central Institute of Plastic Engineering and Technology (Ministry of Chemical and Fertilizer's Govt. of India) Lucknow 1996-1997.
- Post Graduate Diploma in Computer Programming and Management from Hiltron CALC Lucknow 1995-1996.

Publications:

Paper Communicated:

1. **“New threestep steffensen’s simpson method with seventh order convergence for solving nonlinear equations using halley method”** in Far East Journal of Mathematical Sciences (FJMS) Pushpa publishing House India Indexed by **Scopus**.
2. **“Study of stability criterion for some iterative methods for solving non linear equation”** in The Asian journal of Mathematics, Journal by the International press Chinese university Honkong Indexed by **SCI including the Web of Science** alerting services.
3. **“New second derivative free iterative method for solving nonlinear equations using halley’s method”** in Malaysian journal of Mathematical Sciences institute for mathematical research (INSPERM), Universiti putra malasia Indexed by **Scopus**.

4. **“Study of numerical accuracy of one dimensional heat equation by Bender-Schmidt Method, Crank-Nicholson Difference Method and Du Fort and Frankel Method”** in IAENG International Journal of Applied Mathematics index by **Scopus**.
5. **"The study of new approaches in cubic spline interpolation for automobile data "** in Journal of Science and Arts ISSN 1844-9581; eISSN 2068-3049 **ISI indexed since 2015**.
6. **"Numerical accuracy of errors in different functions using Interpolaton technique "** in Journal of Science and Arts ISSN 1844-9581; eISSN 2068-3049 **ISI indexed since 2015**.
7. **“New efficient four step iterative method with thirty-sixth order convergence for solving nonlinear equations”** in International Journal of Pure and Applied Mathematics Academic publication Indexed by **Scopus**.

Paper Published:

1. **“Some derivative free a new two step iterative method’s for solving nonlinear equations using Stephenson’s method”** in Journal of Science and Arts ISSN 1844-9581; eISSN 2068-3049 No. 4(37), pp. 329-336, 2016 **ISI indexed since 2015**.
2. **“Some new three step iterative method for solving nonlinear equation using Stephenson’s and Halley’s method”** in British journal of mathematics & computer science ISSN 2231-0851 Science domain International Publication USA **19(2): 1-9, 2016; Article no.BJMCS.29322**.

3. “Some new two step iterative methods for solving nonlinear equations using steffensen’s method” in Journal of mathematical and computational sciences , science & knowledge publishing corporation limited , J. Math. Comput. Sci. 6 (2016), No. 5, 730-740 ISSN: 1927-5307.

4. “Numerical accuracy between RUNGE-Kutta Fehlberg method and Adams-method for first order ordinary differential equations with boundary value problem” in Journal of Mathematical and computational Science ISSN: 1927-5307. Math. Comput. Sci. 6 (2016), No. 6, 1145-1156.

5. “Study of Numerical Accuracy of Runge-Kutta Second, Third and Fourth Order Method “in International Journal of Computer & Mathematical Sciences IJCMS ISSN 2347 – 8527 Volume 4, Issue 6 June 2015.

6. “Comparative study of a new iterative method with that of newtons method for solving algebraic and transcendent equations” in International Journal of Computer & Mathematical Sciences ISSN 2347 – 8527 Volume 4, Issue 3, March 2015.

7. “An improved iterative method based on cubic spline function for solving non linear equation” published on Journal of chemical, biological and physical sciences (an international peer review E-journal of science) volume 4 no.1,528-537EISSN 2249-1929 ,2014.

8.”Comparision of numerical accuracy of Runge-Kutta fourth order method and Heun's method” published on journal of poorvanchal academy of sciences volume15 ISSN 0972-3498,2009.

Awards/Recognition:

- 1.** Member of Editorial Board of Academic Sciences Journals, ISSN 2347-8527.
- 2.** Member of Editorial Board of International Journal of Scientific Research & Education, ISSN 2321-7545.
- 3.** Reviewer of Academic Sciences Journals, ISSN 2347-8527.
- 4.** Member of Editorial Board of International Journal of Engineering, Technology, Science and Research & Education, ISSN 2394-3386.
- 5.** Member of Reviewer Board of International Journal of Research in Engineering and Technology ISSN 2321-7308.
- 6.** Member of Editorial Board of Journal of Scientific Research in Physical and Mathematical sciences ISSN 2349-7149.
- 7.** Member of Editorial Board of International Journal of Basic Sciences and Applied Computing, ISSN 2394-367X.
- 8.** Member of Editorial Board of International Journal of Applied Mathematics and Theoretical Physics doi: 10.11648/j.ijamtp.20150101.11.
- 9.** Member of Editorial Board of International Journal of Applied Mathematical Research ISSN 2227-4324.
- 10.** Member of Reviewer Board of WORLD APPLIED SCIENCE JOURNAL.

Conference/seminar/workshop/FDP:

- 1.** Participated in faculty Development Program “Towards Excellence in Academics” at Dr. M.C. Saxena College of Engineering & Technology with collaboration of IIM Lucknow, May 08-15, 2010.
- 2.** Participated in ‘Role of Mathematics in Advancement of Science & Technology’ organized by the Dept. of Mathematics, BSNV PG college Lucknow in association with National Science Network (NSN) & BSNV Vigyan Parishad Lucknow, October 18-20, 2013.
- 3.** Participated in National conference on ‘Ramanujan’s Mathematics & Mathematics ducation’ organized by the Dept. of Mathematics, T.D.P.G. college Jaunpur (UP) India, December 01-03, 2013.
- 4.** Participated in 1st National Workshop on ‘Intellectual Property System: India Today and Tomorrow’ organized by the Integral University, Lucknow in collaboration with Intellectual Property Owners Association, New Delhi, January 10, 2014.
- 5.** Participated in “16th Agricultural Scientist and Farmer Congress on Nanobiotechnological Approach For Sustainable Agriculture & Rural Development” organized by the Integral University, Lucknow under the auspices of Bioved Research Institute of Agriculture & Technology Allahabad, February 22-23, 2014.
- 6.** Participated in one day seminar on Matlab organised by Department of ECE, Integral University, Lucknow conducted by CETPA Infotech Pvt Ltd. On April 1,2014.
- 7.** Participated in workshop on ‘Arm Controlled Robotics’ organized by Microbotric Technologies, Pvt Ltd in association with Integral University, Lucknow at Integral University, Lucknow, February11-13, 2015.

- 8.** Participated in 3rd National Conference on ‘Challenges & Opportunities for Technological Innovation in India’ organized by the Ambalika Institute of Management & Technology, Lucknow, February 14, 2015.
- 9.** Participated in National workshop on ‘Data Analysis by SPSS’ organized by the Department of Mathematics, Integral University, Lucknow, February 25, 2015.
- 10.** Participated in National conference on ‘Novel Tools and Treatment Approaches in Health care System’ organized by the Faculty of Pharmacy, Integral University, Lucknow, March 3, 2015.
- 11.** Participated in Seminar on ARM (Advanced RISC Machine) organized by Dept. of ECE, Integral University, Lucknow conducted by Techformer Technology Pvt. Ltd, March 12, 2015.
- 12.** Participated in Workshop on “MATLAB & EMBEDDED SYSTEM” organized by Dept. of ECE, Integral University, Lucknow conducted by IQRA SOFTWARE TECHNOLOGIES PVT LTD, March 31, 2015.
- 13.** Participated in Faculty Development Program (FDP) on “Perspectives of Modern Teaching techniques & Uses of case Studies through experiential learning” Integral University, Lucknow, 22 August 2015.
- 14.** Attended seminar on “MATLAB” at Integral University, Lucknow in collaboration with e-Brain[s] Technology, Lucknow, 16 September 2015.
- 15.** Attended conference on “Recent Trends in Mathematics: Topological Algebraic Analysis & Applications” organized by Department of Mathematics & Astronomy, University of Lucknow, 21-22 November 2015.

16. Attended workshop on “Entrepreneurship options in the field of Engineering & Pioneering Internet of Thing (EOFEPLOT-2016) “organized by IEEE Integral University Student Branch, Lucknow, 25 January 2016.
17. Participated in FDP on “MATLAB” held at Integral University Lucknow from February 1-7, 2016.
18. Attended national workshop on “MATLAB & PHOTONIC CRYSTALS “organized by Spectrum a student society of department of Physics, Integral University, Lucknow, February20 2016.

Self Achievement:

Qualify in PCS/IAS Pre & Main Exam in year 1998, 2001, 2003 with subject Mathematics, G.S. & History.

Skills:

- Exceptional ability to grasp new technologies quickly
- Good in Conversational English
- Inquisitive, Innovative & Amiable
- Extrovert; reasonably good in communicational skills
- MAT Lab & C⁺

Personal Details:

Date of Birth; 15th July,1975
Father's Name: Mr. Faiyaz Ali
Languages known: English, Urdu, Hindi & Arabic
Nationality: Indian
Sex: Male
Marital Status: Married
Permanent Address: Plot No:15-C, Behind Anna Market
Preeti Nagar, Lucknow-226021
U.P., India
Passport No. **P1517523**
Date of issue: **05/07/2016**
Place of issue: **Lucknow**
Date of expiry: **04/07/2026**

References:

- 1. Dr. Azizul Hasan** Assistant Professor, Department of Mathematics
Jazan University, K.S.A
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- 2. Dr.Mobin Ahmad** Associate Professor, Department of Mathematics
Integral University,Lucknow(U.P)India.
Mob:+919450647418
Email: mobinahmad@rediffmail.com

Place: Lucknow

Date:

(Dr. Najmuddin Ahmad)