

RESUME

Name : **Dr. Abdul Wadood Khan**
e-mail: khanawadood71@gmail.com



Present Position : Associate Professor (Jr)
Deptt. of Mathematics
Integral University, Bas-Ha
Kursi Road, Lucknow – 226026
U.P. INDIA
Mob: 009415791160

HIGHEST QUALIFICATIONS :

Ph. D. (Mathematics), Integral University, Lucknow 2009

Field of specialization: Numerical Analysis, Applied Mathematics and **Fluid** Dynamics.

Ph. D. Research Title: *Hydrodynamic Instability of Inviscid Parallel Shear Flows*

Supervisor: Supervising two Ph. D. students enrolled in the department of Mathematics, Integral University, Lucknow.

Academic Engagements

- (A) Teaching: B.Tech., M.Tech. & M.Sc. courses at Integral University from July 13, 2007 till date.
- (B) Teaching: B.Sc. level Mathematics and Computer Science at Amiruddula Islamia Degree College from Nov. 1999 to July 2007.

Administrative Engagements

- (A) Member of the Proctorial Board.

Experience :

- About 15 years teaching experience at Postgraduate and Graduate level of Mathematics .
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PUBLICATIONS

i) Research Papers :

1. Published a paper “On Reduction of Banerjee - Shandil Semi Circle” in Applied Mathematical Sciences, Volume 3, 2009, no. 41, 2035 - 2039 .
2. Published a paper ‘On the upper bound of the rate of growth in heterogeneous shear flow problem’ in International e journal of Engineering Mathematic: Theory and Application (IeJEMTA), Vol. (6), March, 2009, 76-79.
3. Published a paper “ Bound for the complex wave velocity of an unstable perturbation wave of an inviscid heterogeneous shear flows” in International Journal of Mathematical Archive (IJMA), 2(6) June 2011, 880-883.

4. Published a paper "Validity of the upper bound for the complex wave velocity of an unstable perturbation wave of an inviscid heterogeneous shear flows" in International Journal of Mathematical Archive (IJMA), 3(2) Feb. 2012, 380-385.
5. Published a paper" Blood Flow Through An Overlapping Stenosis In Catheterized Artery With Permeable Wall" in e-Journal of Science & Technology (e-JST), (2), 8, 2013, 43-53.
6. Published a paper" A two-layered blood flow through an overlapping constriction with permeable wall" in e-Journal of Science & Technology (e-JST), (4), 8, 2013 ,73-86.
7. Published a paper" TWO-PHASE MODEL OF BLOOD FLOW THROUGH A COMPOSITE STENOSIS IN THE PRESENCE OF A PERIPHERAL LAYER" in Journal of Multidisciplinary Scientific Research, 2013, 1(5):39-45.
8. Published a paper " Modeling the Simultaneous Effect on Two Toxicants Causing Deformity in a Subclass of Biological Population" in IOSR Journal of Mathematics, Volume 11, Issue 6 , Ver. IV (Nov. - Dec. 2015), pp 70-82 .

ii) Books :

1. "Pharmacy and Biotechnology Mathematics", I.K. International Pub., New Delhi (2009) .

PAPER PRESENTED IN CONFERENCE/ ATTENDED

1. Presented a paper in the National Conference on Applications of Mathematics in Science, Technology & Management held at SRMSCET, Bareilly, in Sept. 2008.
2. Presented a paper in the International Conference on Analysis and its Application (ICAA-08) held at AMU, Aligarh in Nov. 2008.
3. Presented a paper in the Conference of Bharat Ganita Praishad and Deptt. of Mathematics & Astronomy at Lucknow University, Lucknow in Dec.2008.
4. Presented a paper in 18th Annual Conference of Purvanchal Academy of Sciences held at TDPG College, Jaunpur in Feb.2009.
5. Presented a paper in 2nd National Symposium on Modern Trend in Differential Geometry and Mathematical Modeling in Bio-Sciences held at Lucknow University, Lucknow in Jan 2010.
6. Attended 3rd National Symposium on Modern Trend in Differential Geometry and Mathematical Modeling in Bio-Sciences held at Lucknow University, Lucknow in Jan 2011
7. Attended 4th Annual conference of the Tensor Society held at Ramswaroop Engg. College, Lucknow in Oct. 2011
8. Attended 27th Annual National conference of the Mathematical Society BHU at held Bimrao Ambedkar University at Lucknow in Nov. 2011
9. Participated in Seminar on 'Ageing and Health' on the occasion of World Health Day organized by Integral Institute of Medical Sciences & Research , Integral University, Lucknow in collaboration with World Health Organization-India, April 7, 2012.
10. Participated in National Conference on Role of Mathematics in Advancement of Science & Technology organized by Department of Mathematics B.S.N.V Post Graduate College (KKV), Lucknow, Oct. 18-20, 2013.

11. Participated in National conference on ‘Ramanujan’s Mathematics & Mathematics Education’ organized by the Deptt. of Mathematics, T.D.P.G. college, Jaunpur (UP) India, December 01-03, 2013.
12. 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.
13. Participated in 2nd National Conference on ‘Challenges & Opportunities for Technological Innovation in India’ organized by the Ambalika Institute of Management & Technology, Lucknow, February 22, 2014.
14. Attended Seminar On Matlab, Integral University, Lucknow, April 1, 2014
15. Attended National Workshop On Arm Control Robotics, Integral University, Lucknow, 11-13 February 2015.
16. Attended National Conference on challenges and opportunities for Technological Innovation India, AIMT, Lucknow, 14 February 2015.
17. Attended National Workshop On Data Analysis By SPSS, Integral university, Lucknow, 25 February 2015.
18. Attended National Conference on “ Novel Tools and Treatment Approaches in Health Care System” Integral University. Lucknow, 03 March, 2015.
19. Attended Seminar on “ Advanced RISC Machine” Integral University. Lucknow, 12 March, 2015.
20. Attended Workshop on “ MATLAB & Embedded System” Integral University. Lucknow, 31 March, 2015.
21. Participated in Faculty Development Programme (FDP) on “ Perspectives of Modern teaching techniques & Uses of case Studies through experiential learning” Integral University, Lucknow, 22 August 2015.
22. Attended seminar on “MATLAB”. Integral University, Lucknow, 16 September 2015 .
23. Attended conference on “ Recent Trends in Mathematics: Topological Algebraic Analysis & Applications” organized by Department of Mathematics & Astronomy, University of Lucknow, 22, 23 November 2015.
24. Attended workshop on “ Entrepreneurship options in the field of Engineering & Pioneering Internet of Thing “ organized by IEEE Integral University Student Branch, Lucknow, 25 January 2016.
25. Participated in FDP on “MATLAB” held at Integral University Lucknow from 1Feb. to 7 Feb. 2016.

MEMBER OF PROFESSIONAL BODIES

1. Member of International Association of Engineers (IAENG).
2. Member of International Egyptian Engineering Mathematical Society.

PERSONAL INFORMATIONS:

Date of birth: 10-07-1971

Father’s name: Late Sri Abdul Haleem

Religion: Islam

Nationality: Indian

Gender: Male

Languages Known : English , Urdu , Hindi

Marital Status: Married

i] Wife's Name: Husne Ara

ii] Daughter's Name : (1) Arhama Khan (2) Mahim Khan

Correspondence Address: 529D/1/248 Vivekanand Puram, Kalyanpur West Ring
Road, Lucknow, U.P. India, Pin - 226022

Permanent Address: at & post – Kurda, Via – Gaur, District – Basti U.P.
India

(Dr. Abdul Wadood Khan)