

RESUME



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Personal Data:

Name: Dr. Mohd. Iqbal Bhat
Parentage: Late Gh. Rasool Bhat
Date of Birth: 04-12-1973 (4th December, N.H. Seventy Three)
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Place of Birth: Bandipora, Kashmir, J & K-193503
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1. Academic Record

- Ph. D., (2004) (Mathematics), awarded from A.M.U., Aligarh, India 202 002.
- M.Phil., (2001) (Mathematics), from A.M.U, Aligarh, India.
- M.Sc., (2000) (Mathematics), from University of Kashmir (KU), J & K-190006
- B.Sc., (1998) from Kashmir University (KU), J & K.

Ph. D. Thesis Topic: “Existence and Iterative Approximation of Solutions of Some Classes of Variational Inequalities”.

M.Phil., Dissertation Topic: “Study of Certain Classes of Variational Inequalities”.

3. Research Publications

1. Generalized variational-like inclusion problem involving $(H(\cdot, \cdot), \eta)$ -monotone operators in Banach spaces, *Journal of Nonlinear Analysis and Optimization: Theory and Applications* Vol. 4, No. 1, (2018), 65-74 (with Bisma Zahoor).
2. Existence of Solution and Iterative Approximation of a System of Generalized Variational-like Inclusion Problems in Semi-inner Product Spaces, *Filomat*, 31:19 (2017), 6051–6070 (with Bisma Zahoor).
3. $(H(\cdot, \cdot), \eta)$ -Monotone Operators with an Application to a System Of Set-Valued Variational-Like Inclusions In Banach Spaces, *Nonlinear Functional Analysis and Applications*, Vol. 22, No. 3 (2017), 673-692 (with Bisma Zahoor).
4. An Iterative Algorithm for a System of Generalized Mixed Variational Inclusion Problems, *Int. J. Modern Math. Sci.*, 15(2): 30-49 (2017), (with Sumeera Shafi).
5. H-Monotone Operators with an Application to a System of Nonlinear Implicit Variational Inclusions, *Caspian J. Appl. Math. Eco. Env. (CJAMEE)* Vol. 4, No 2, 2016, December (with Sumeera Shafi).
6. Approximation Solvability for a System of Generalized Variational-Like Inclusions Involving (H, ϕ) - η -Monotone Operators, *Int. J. Modern Math. Sci.*, 15(1): 30-49 (2017). (with Bisma Zahoor).
7. An Iterative Algorithm for a System of Generalized Implicit Nonconvex Variational Inequality Problems, *Journal of Nonlinear Analysis and Optimization: Theory and Applications* Vol. 4, No. 1, (2013), 65-74.
8. An Iterative Algorithm based on M -Proximal Mappings for a Generalized Implicit Variational Inclusions in Banach spaces, *Journal of Computational and Applied Mathematics*, Vol. 233, 361-371 (2009) (with K.R. Kazmi and Naeem Ahmad).
9. Convergence and Stability of Iterative Algorithms for some Classes of General Variational Inclusions in Banach spaces, *Southeast Asian Bulletin of Mathematics*, Vol. 32, 99-116 (2008) (with K.R. Kazmi).
10. Iterative Algorithms for a System of Set-valued Variational-like Inclusions, *Kochi Journal of Mathematics*, Vol. 2, 107-115 (2007) (with K.R. Kazmi).
11. Convergence and Stability of a Three-Step Iterative Algorithm for a General Quasi-Variational Inequality Problem, *Fixed Point theory and Applications*, Volume 2006, Article ID 96012, 1–16 (with K.R. Kazmi).

12. A Class of Multi-valued Variational Inclusions in Banach Spaces, *Journal of Nonlinear and Convex Analysis*, Vol. 6(3), 487-495, (2005) (with K.R. Kazmi and F.A. Khan).
13. Iterative Algorithms for a Multi-valued Variational Inclusions in Banach Spaces, *Journal of Computational Analysis and Applications*, Vol. 7(1), 49-70, (2005) (with K.R. Kazmi).
14. Convergence and Stability of a Iterative Algorithms for a Generalized Set-valued Variational-like Inclusions in Banach Spaces, *Applied Mathematics and Computation*, Vol., 166, 164-180 (2005) (with K.R. Kazmi).
15. Parametric General Mixed Variational Inequality Problem in Uniformly Smooth Banach Space, *Ganita Sandesh*, Vol. 19(1), 1-10 (2005) (with K.R. Kazmi and F.A. Khan).
16. Iterative Algorithms for a System of Nonlinear Variational-like Inclusions, *Computers and Mathematics with Applications*, Vol. 48(12), 1929-1935 (2004) (with K.R. Kazmi).
17. Existence of Solutions and iterative Algorithms for a Generalized Implicit Co-complementarity Problems in Banach Spaces, *South East Asian Journal of mathematics & Mathematical Sciences*, Vol. 1 (2003) (with K.R. Kazmi).
18. Some Remarks on Variational Inequalities and Wiener-Hopf Equations, *South East Asian Journal of Mathematics & Mathematical Sciences*, Vol. 1(1), 55-62 (2002) (with K.R. Kazmi).
19. Three-Step Iterative Scheme for Solvability of Generalized Quasi-Variational-Like Inclusions in Hilbert Spaces (To Appear in Thai J. Math.)
20. Mann Type Perturbed Iterative Scheme with Errors for a System of Generalized Variational-Like Inclusion Problems (Submitted).

4. Conferences \ Seminars \ Papers Presented

1. Presented a paper on "Variational Inequalities" in the One Day, Workshop on "Celebration of Ramanujan Day" on 22-12-2016, organized by Kashmir Mathematical Society in Collaboration with JKIMS, Srinagar.
2. Presented a paper on "Iterative Methods for Generalized *Variational Inclusions* in Hilbert Spaces" in the UGC Sponsored National Seminar on Electronic Devices, Systems and Information Technology (SEEDS-2016) during March 18-19, 2016 organized by the Department of *Electronics and Instrumentation Technology* KU.

3. Presented a paper on “Set-Valued Variational Inclusions” in the 11th JK Science congress during October 12-14, 2015 organized by University of Kashmir.
4. Delivered an invited talk on “*Iterative Methods for Some Classes of Systems of Variational Inequalities*”, in the “International Conference on Analysis and Applications” organized by the Department of Mathematics, AMU Aligarh during December, 19-21, 2015.
5. Delivered an invited talk on “*Iterative Algorithms for Systems of Variational-Like Inclusions*” in the 21st Annual Conference of JMS, Feb. 25-27, (2011) Department of mathematics Jammu University.
6. Presented a paper on “*Systems of Variational and Variational-Like Inclusions*” in the 19th Annual Conference of JMS, Feb. 26-28 (2009), Department of Mathematics University of Jammu, J & K.
7. Presented a paper on “*Systems of Variational Inclusions*” in the National Conference on Advances in Mathematics & its Applications, Organized by ISMAMS, Feb. 13-15 (2004), Department of Mathematics Gorakhpur University, Gorakhpur, U.P.
8. Presented a paper on “*Systems of Non-linear Variational-Like Inclusions in Hilbert Spaces*” in the 69th Conference of IMS, Dec. 26-29 (2003), Department of Mathematics and Astronomy, Lucknow University, Lucknow.
9. Presented a paper on “*Implicit Resolvent Methods for Set-valued Variational Inclusions in Banach spaces*” in the Conference on “Recent Trends in Algebra and Analysis” March 03-05 (2003), Department of Mathematics A.M.U, Aligarh.
10. Presented a paper on “*Co-Complementarity Problems*” in 68th Annual Conference of Indian Mathematical Society (IMS), Dec. 20-23 (2002), Department of Mathematics, Shivaji University Kolhapur, Maharashtra.
11. Attended the “69th Annual Conference of Indian Mathematical Society (IMS), Dec. 26-29 (2003), Department of Mathematics and Astronomy Lucknow University, Lucknow.
12. Presented a paper on “*General Variational Inequalities*” in the 12th Annual Conference of JMS, Feb. 22-24 (2002), Department of Mathematics University of Jammu, J & K.

6. Workshops:

1. Attended on Day Programme on Ramanujan’s contributions on “Ramanujan’s Day” on December, 22, 2016 in the JK Institute of Mathematical Sciences organized by Kashmir Mathematical Society (KMS).

2. Attended “National Level Workshop on “Mathematics and Its Applications” Organized by the Department of Mathematics, University of Kashmir, during October 5-11, 2015.
3. Attended “Drupal Workshop” Organized by the Department of Computer Sciences, South Campus, University of Kashmir, on 24 March-2015.
4. Attended Research Promotion Workshop on “Introduction to Graph and Geometric Algorithms” Organized by the Department of Mathematics, University of Kashmir, during May 18-20, 2015.
5. Attended “3-Day Lecture Programme on Mathematica Modelling of Biological Systems (LPMBS-2015)” Organized by the Department of Mathematics, University of Kashmir, during April 02-04, 2015.
6. Attended one Week Workshop on Nonlinear Functional Analysis & Its Applications (NFAA-2013), NPDE-TCA, Organized by IIT Bombay in Collaboration with University of Kashmir, October 21st -29th, 2013.
7. Attended the NBHM sponsored workshop on “*Partial Differential Equations, Viscosity Solutions and Applications*”, July 21-Aug.08,2003, Department of Mathematics, IISc., Bangalore.

7. Short Term Courses

1. Participated in the 3-Weeks UGC Sponsored “*Refresher Course*”, during Jan-Jan-Feb, 2012, Organized by Academic Staff College, A. M. U., Aligarh.
2. Participated in the 4-Weeks UGC Sponsored “*General Orientation Course*”, during Jan-Feb, 2010, Organized by Academic Staff College, University of Kashmir, Srinagar
3. Participated in the 3-Weeks UGC Sponsored “*Subject Refresher Course*”, during Feb, 2009, Organized by Academic Staff College, A. M. U., Aligarh.

8. Extension Lectures:

1. Delivered Extension Lectures Series on “Topology” in the Postgraduate department of Mathematics, GDC(Boys)-Baramulla on 19, 20 and 26th November, 2016.
2. Delivered Extension Lectures Series on “Functional Analysis” in the Postgraduate department of Mathematics, GDC(Boys)-Baramulla during July 02-04, 2015.
3. Delivered Extension Lectures Series on “Integral Equations” in the Postgraduate department of Mathematics, GDC(Boys)-Baramulla during January, 27-29, 2015.

4. Delivered a Lecture on “Scenario of Mathematics in J & K and Role of Kashmir Mathematical Society” in One Day Workshop on “Ramanujan’s Day” on December, 22-2016 in the JK Institute of Mathematical Sciences organized by Kashmir Mathematical Society (KMS).

9. Awards and Achievements:

- Awarded University Fellowship, by the Department of Mathematics, Aligarh Muslim University, Aligarh in 2002.

10. Membership of Academic Societies:

1. Life Member of Ramanujan Mathematical Society (RMS)
2. Life Member of Indian Mathematical Society (IMS).
3. Life Member of Jammu Mathematical Society (JMS).

11. Reviewer of Journals:

1. International Journal of Computational and Applied Mathematics.
2. International Journal of Applied Mathematics and Computation.
3. International Journal of Computers and Mathematics with Application.
4. Thai Journal of Mathematics
5. Applied Analysis

12. Area of Specialization:

Functional Analysis, Variational Inequalities/Inclusions

13. Teaching Experience:

- Working as Assistant Professor (stage-II) in the Department of Mathematics, South Campus, Anantnag, University of Kashmir from 3rd July, 2011 till date.
- Worked as Assistant Professor in the Department of Mathematics, South Campus, Anantnag, University of Kashmir from 3rd July, 2007 to 3rd July, 2011.
- Worked as Assistant Professor in The Department of Applied Mathematics, Baba Ghulam Shah Badshah University, Rajouri J & K, from 18th Aug, 2005 to 3rd July-2007.

14. Research Guidance:

1. M. Phil.,

- Miss. Bisma Zahoor (Awarded, December 19, 2014)
M. Phil. Dissertation Topic: Some Iterative Methods for Solving Variational Inequalities.
- Miss Sumeera Shafi (Awarded, December 19, 2014)
M. Phil. Dissertation Topic: Study of Some Classes of Variational Inequalities

2. Ph. D.

- Miss. Bisma Zahoor (Viiva-Voce fixed on 31-03-2018))
Ph. D Thesis Topic: “Existence of Solution and Approximation Solvability of Some classes of Variational Inequalities”.
- Miss Sumeera Shafi (Submitted)
Ph. D Thesis Topic: Iterative Algorithms for Some Classes of Variational Inclusions.

15. Research Projects Evaluated:

1. “On Linear Maps Preserving G-Unitary Operators in Hilbert Spaces” submitted by Basati Muzalda, Department of Mathematics, DAVV, Indore.
2. “Single-valued Extension Property and Spectral Radius Formula for Unbounded Operators” submitted by Shazia Qayoom, Department of Mathematics, DAVV, Indore.

16. Books/Scripts

- Script on “Functional Analysis”, Published by Directorate of Distance Education, University of Kashmir, Srinagar (ISBN 93-82097-67-9)

17. Computer Skills:

MS Office, Latex

References:

Professor S. Ponnusammy Director Channai Mathematical Institute	Professor Sharafuddn Pirzada Dean faculty of Physical & Material Sciences Department of Mathematics email: sdpirzada@gmail.com
Professor Nisar Ahmad Rather Dean Faculty of Physical & Material Sciences, Director Sports and Former HoD(Mathematics) University of Kashmir , Srinagar J & K Email: dr.narather@gmail.com	Professor Kaleem Raza Kazmi Department of Mathematics A.M.U., Aligarh-202 002 E-mail: krkazmi@gmail.com Ph: +91571703934

Abbreviations Used:

KU:	Kashmir University
A.M.U:	Aligarh Muslim University
IISc. :	Indian Institute of Mathematical Sciences
NBHM:	National Board of Higher Mathematics
BGSBU:	Baba Ghulam Shah Badshah University
IMS:	Indian Mathematical Society
JMS:	Jammu Mathematical Society

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