Dr Ab. Hamid Ganie
S/o: Mohd. Afzal Ganie
Asst. Professor
Department of Mathemtics
SSM College of Engg. and Tech
Pattan Srinagar
Jammu and Kashmir-India

D.O.B. : 04-03-1983
Nationality: Indian

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SUMMARY

M.Sc., M.Phil. and PhD in Mathematics having more than FOUR years of Teaching Experience.

TEACHING INTERESTS

- Ordinary and Partial Differential Equations
- Differential and Integral Calculus
- Discrete Mathematics
- Numerical Methods
- Theory of Matrices
- Functional Analysis
- Complex Analysis
- Real Analysis
- Elementary Topology
- Elementary Algebra

RESEARCH INTERESTS
Functional Analysis, Summability Theory, Fuzzy difference sequence space and matrix transformations etc.

ACADEMIC QUALIFICATIONS

PhD (Functional Analysis)	NIT Srinagar	June, 2014
M.Phil. (Functional Analysis)	NIT Srinagar	2011
M.Sc. (Mathematics)	Kashmir University	2006
B.Sc. (Non-Medical)	Kashmir University	2004

TEACHING EXPERIENCE

- Responsible for teaching courses: Numerical Methods, Ordinary and Partial Differential Equations, Differential and Integral Calculus, Theory of Matrices, Complex Analysis, Prepared syllabus of B. Tech. Students.

- Involved in conducting Examinations of B. Tech./M. Tech. Students and organizing Workshops/ Conferences..
- Designed and modified curriculum of various B.E/ B. Tech. Semesters. Preparing administering, grading assignments of students.

- **Govt. Degree College Kupwara, J&K, India.**

                                                                Session 2006

Contractual Lecturer
- Responsible for teaching various courses offered at Graduate level.

PG Centre Govt. Degree College Baramulla, J&K, India.

                                                                Session 2007

Contractual Lecturer
- Responsible for teaching various courses offered at Graduate and post Graduate level by Kashmir University and involved in conducting Examinations for Graduates.

Govt. Degree College, Bandipora, J&K, India.

                                                                Session 2008

Contractual Lecturer
- Responsible for teaching various courses of applied and pure Mathematics offered at Graduate level.

IMI +2 Girls Wing, Bemina-Srinagar
   Lecturer   **Session 2010**
      Responsible for teaching various courses offered at pre-university and third degree courses and involved in conducting Examinations.

      National Institute of Technology Srinagar, India.

                                                                Session 2011

Contractual Lecturer
- Responsible for teaching various courses at B.Tech. /M.Tech. level.

IGNOU, (Branch NIT-Srinagar)-India.
            Gust lecturer   **From Jan, 2009 to Dec, 2011.**

- Responsible for teaching various courses of applied Mathematics offered at B.Tech./M.Tech level.

National Institute of Technology Srinagar, India.

Session 2014

Contractual Lecturer

Responsible for teaching various courses at B.Tech. /M.Tech. level and involved in conducting examinations for B.Tech/M.Tech. students.

SSM College of Engineering and Technology Pattan, Jammu and Kashmir.

(2015)

Astt. Professor

Responsible for teaching various courses at B.Tech. /M.Tech. level and involved in conducting examinations for B.Tech/M.Tech. students.

Publications(International and National)
International

1. M. A. Syed, A. H. Ganie, N. A. Sheikh and T. Jalal, Orlicz spaces and lacunary sequence through the concept of invariant means, (to appear in Ciencia Tecnica Vitivinicola J. (ID-angp4)).

2. M. Mursaleen, A. H. Ganie and N. A. Sheikh, New type of difference sequence space and matrix transformation (to appear in FILOMAT- 28:7 (2014)).

3. A. H. Ganie, N. A. Sheikh and T. Jalal, Some new type of difference sequence spaces defined by modulus function (to appear in Journal of Nonlinear Functional Analysis, id no. 61-149-1-SM.PDF 2014-04-28).

4. A. H. Ganie, N. A. Sheikh and T. Jalal, New type of sequence spaces and matrix transformation (accepted for publication in The inter. Jou. Modern Math. Sciences, USA, with id-1366).

5. A. H. Ganie and N. A. Sheikh, A new type of sequence space and almost convergence (to appear in FILOMAT-2015).

6. A. H. Ganie and N. A. Sheikh, Infinite matrices and almost bounded sequences, **Vietnam Journal of Mathematics, 42(2)(2014), 153-157.**

7. N. A. Sheikh and A. H. Ganie, A new type of sequence space of non-absolute type and matrix transformation, **WSEAS TRANSACTION OF MATH.,** 8(12) (2013), 852-859.

8. A. H. Ganie, Sigma bounded sequence and some matrix transformations, **Algebra Letters, 3(2013), 1-7.**

9. N. A. Sheikh, T. Jalal and A. H. Ganie, New type of sequence spaces of non-absolute type and some matrix transformations, **Acta Mathematica Academiae Paedagogicae Nyíregyháziensis,** 29(2013), 51-66.

10. A. H. Ganie and N. A. Sheikh, On the sequence space $l(p,s)$ and some matrix transformations, **Nonlinear Functional Analysis and Applications,**18(2) (2013), 253-258.

11. A. H. Ganie and N. A. Sheikh, On some new sequence space of non-absolute type and matrix transformations, **Jour. Egyptain Math. Soc., 21(2013), 34-40.**

12. N. A. Sheikh and A. H. Ganie, On the space of λ-convergent sequence and almost convergence, **Thai Journal of Math.,** 2(11) (2013), 393-398.

13. A. H. Ganie, N. A. Sheikh, and Mausumi Sen,The difference sequence space defined by Orlicz functions, **The inter. Jou. Modern Math. Sciences, USA, 6(3) (2013),**151-159.

14. T. Jalal, S. A. Gupkari and A. H. Ganie, Infinite matrices and sigma convergent sequences, **Southeast Asian Bull. Math.,36** (2012), 825–830.

15. N. A. Sheikh and A. H. Ganie, A new paranormed sequence space and some matrix transformation, **Acta Mathematica Academiae Paedagogicae Nyíregyháziensis,** 28 (2012), 47-58.

16. N. A. Sheikh and A. H. Ganie, Some matrix transformations and almost convergence, **Kathmandu Univ. jou. of Sci. Eng and Tech.,** 8(II) (2012), 89-92.

17. A. H. Ganie, N. A. Sheikh, Some new paranormed sequence spaces of non-absolute type and matrix transformations, **Advanced and Development in Math. Science,** 1-2(3) (2012), 1-14.

18. A. H. Ganie and N. A. Sheikh, A note on almost convergence and some matrix transformations, The int. Jour. Modern Math. Sci.,USA, 12(4)(2012), 126-132.

19. A. H. Ganie and N. A. Sheikh, Matrix transformation into a new sequence space related to invariant means, Chamchuri J. Math., 4(12)(2012), 71-72.

20. A. H. Ganie and N. A. Sheikh, Some new difference sequence spaces defined on Orlicz function, Nonlinear Funct. Anal. Appl., 17(3) (2012), 397-404.

National

1. Ab. Hamid Ganie, Lacunary strong convergence of difference sequences with respect to modulus function, Iinternational Journal Aapplied Math. And Application (serial publ.),4 (1) (2012), 9-13.

2. T. Jalal and Ab. Hamid, Almost convergence and some matrix transformation, International Jour. Math.(Shekhar New Series), 1(1) (2009), 133-138.

3. A.H.Ganie and N. A. Sheikh, Article "A History of Zero" published in Indian Institute of Metals, Student Affiliate Chapter, IIM-SAC Journal 1(2013), 33-37.

Conferences/ Workshop/ Seminar Attended

1. Paper viz., "Generalized Riesz difference sequence space" presented at "**International Conference on Recent trends in analysis and Algebra with applications**" held at Aligarh Muslim University", 12-14, Feb, 2014.

2. Beauty of Zero **"0"** and Fibonacci numbers, presented at Department of Electrical Engineering, NIT sriangar, Diamond Jubilee Seminar on leveraging ICT for Growth and Development JK held on 13-14, sep. 2013.

3. Presented a paper "Almost boundedness and matrix transformation", at Dept. of Maths., NIT Srinagar, conference "Analysis and Application", Nov. 19-20, 2012.

4. Presented a paper " A new type of sequence space and almost convergence" at Dept. of Maths., NIT Srinagar, workshop on "Role of Mathematics in Science, Engineering and Technology, March 26, 2012".

5. Presented a paper at Dept. of CSE,NIT Srinagar, Workshop on Recent trends in Engineering & Technology, Nov. 16, 2011.

6. Presented a paper Riesz Sequence space and almost convergence, Dept. of Mathematics IIT- Roorkee, National Meet of Research Scholars, 19th -23rd Dec., 2009.

7. One seminar attended on "**Chemistry our life, our future**", Deptt. of Chemistry, NIT Srinagar, 15th Nov., 2011.

8. Presented a paper "Generalized Riesz Difference sequence space" at Sri Pratap College, Sriangar, one day Seminar "The Role of Mathematics in Developing the creative Thinking" 6th Oct., 2012.

9. Attended a 4-day Teachers Training Camp/Workshop on Mathematical Olympiad, Department of Mathematics, Uinversity of Kashmir, Srinagar, 12-15 September, 2012.

10. Attended a workshop (ATM Schools) " Functional Analysis" at Indian Statistical Institute , Bangalore Centre, 4-16 March, 2013.

11. Visited various universities/Institutes viz., Aligarh Muslim University (21-01-2013 to 12-02-2013) and NIT Silchar (16-02-2013 to 24-02-2013).