

CURRICULUM VITAE

(1) Personal Details:

- (I) **Name:** Dr. Mushtaq Ahmad Shah.
- (II) **Parentage:** Abdul Rahim Shah.
- (III) **Mothers Name:** Late Nabla Bano.
- (IV) **Residence:** Benhama Tehsil Lar District Ganderbal City Srinagar Jammu and Kashmir India.
- (V) **Date of Birth:** 30-12-1987
- (VI) **Postal Address:** Benhama lar Ganderbal 191201-India.
- (VII) **Address for correspondence:** Assistant Professor Mathematics, Government college of Engineering and Technology Safapora Ganderbal.
- (VIII) **Contact details:** Mobile Numbers **+919419901760** and **+919906712042, +917006366109.**
- (IX) **Email I.D;** mushtaq022@gmail.com , mushtaq022@yahoo.co.in
- (X) **Qualification:** Msc Mathematics (**Gold Medalist**), **Ph.D** in Mathematics, **NET-JRF** from CSIR New delhi
- (XI) **Current Position:** Assistant Professor Mathematics, Department of Higher Education J&K Govt w.e.f 18-08-2016.
- (XII) **Specialization:** Complex Analysis.
- (XIII) **Topic of the Research Programme (Ph.D):** Bernstein-Type of Inequality and the Distribution of Zeros of Polynomials.
- (XIV) **Number of Research Papers published:** 13.
- (XV) **Awards:** Recieved **Gold Medalist Award** for first class first position in Msc Mathematics and the Award of **JRF** from CSIR.

(2) Academic Record:

S.No	Name of the examination (year of passing)	Subjects offered	Marks %age	Board / university	Division
01	10 th (2002)	Gen. English, Urdu, Mathematics, Gen. Science, Social Science	74%	BOSE	1 st
02	12 th (2004)	Gen. English, Mathematics, Physics, Chemistry	72%	BOSE	1 st
03	B.Sc (2007)	Gen. English, Mathematics, Physics, Electronics (EVS in II year)	69.7%	Kashmir university	1 st
04	M.Sc (2009)	Mathematics(Go ld Medalist)	82.3%	Kashmir university	1 st (Distinction)
05	NET+JRF (Dec 2009)	Mathematical Sciences		CSIR (New delhi)	Rank (0059/0226)
06	Ph.D (2014) (Direct)	Mathematics		Kashmir University	A Grade

(3) Teaching Experience:

- (I) I have worked as an **Assistant professor (Contractual)** in the Department of Mathematics, **ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY AWANTIPORA**, for one complete Semester from October 2010 to February 2011.
- (II) I have also delivered the lectures to the **P.G. Students** of Mathematics during the contact classes of Directorate of Distance Education University of Kashmir, Srinagar.

- (III) Worked as **Assistant Professor Mathematics (Contractual)** in Central University of Kashmir for 3 and half years w.e.f 24-01-2013 to 31-07-2016 where I taught different courses to **P.G.** students.
- (IV) Delivered **Guest lectures** to the **B.Ed** students of Teacher education department of central University of Kashmir w.e.f **1st January 2016 to 31st march 2016.**
- (V) Also Delivered **Guest Lectures** to **M.Sc** Students of Department of Mathematics Central University of Kashmir w.e.f **11-09-2017 to 10-12-2017.**
- (VI) Currently Working as **Assistant Professor in Mathematics** in the Department of **Higher Education J&K** w.e.f from **18th August 2016** and posted at **Government College of Engineering and Technology Safapora Ganderbal.**

(4) Lectures Delivered as a Resource Person in Workshops, Conferences and Training programs:

- (I) Delivered an invited lecture on **History of Numbers** during a **training programme for Teachers** in Institute of Advanced Studies in education (IASE) on 21-08-2017.
- (II) Delivered an invited lecture on **Lines and Angles** during a **training programme for Teachers** in Institute of Advanced Studies in education (IASE) on 23-08-2017.
- (III) Acted as a **Resource person** on the practical session of a workshop on Latex and other softwares in department of mathematics, Central University of Kashmir on 29th November 2017.

(5) Workshops and Conferences:

I have participated/presented paper in the following national and international workshops and Conferences:

- (I) Workshop on Advanced instructional School (AIS) in Functional Analysis held in **ISI Kolkata** from 4th July 2011 to 22nd July 2011.
- (II) Workshop on National Meet of Research Scholars in Mathematical Sciences (**NMRSMS-2011**) held in **IIT Kharagpur** from 12th October 2011 to 15th October 2011.
- (III) Workshop on **Ergodic Theory** held in Kerala School of Mathematics (**KSOM**) from 17th October 2011 to 4th November 2011.
- (IV) Training Programme on **Non-Linear Analysis and its Applications to Game theory** held in Aligarh Muslim University (**AMU**) Aligarh from 16th November 2011 to 19th November 2011.
- (V) International conference on Analysis and its Applications (**ICAA-2011**) held in Aligarh Muslim University (**AMU**) Aligarh from 19th November 2011 to 21st November 2011.
- (VI) One week short term course on **Research Methodology in Sciences (using statistical soft ware's)** for Research scholars organized by **UGC-Academic staff college**, University of Kashmir from 27 Aug 2012 to 01 Sep 2012.
- (VII) Participated and **presented paper** in **8th JK Science congress** held at University of Kashmir Srinagar from 17th to 19th Sep 2012.
- (VIII) Participated and **Presented paper** entitled "*On the Derivative of a Polynomial*" in the **National meet of Research Scholars in Mathematical sciences-2012** organized jointly by the Department of Mathematics and the DST center for interdisciplinary Mathematical Sciences **Banaras Hindu University, Varanasi** during **18-22 November 2012**.
- (IX) Workshop and Conference on "**Recent Advances in Operator Theory and Operator Algebras**" organized during 31 December 2012 to 11 January 2013 at **Indian statistical Institute Bangalore**.

- (X) One day Workshop on **Examination-Evaluation: Challenges and Responses** held on 22nd March 2014 at **Central University of Kashmir**.
- (XI) One day 3rd Post-ESE Workshop on **“Examination-Evaluation Reforms: Changing Priorities w.r.t. NEP Proposals”** on 5th May 2015.
- (XII) 3 day workshop on **Curriculum and syllabus draft** for framing the Syllabus for Integrated Bsc-Msc Mathematics in **Central University of Kashmir in April 2015**.
- (XIII) Attended 3 weeks **General Orientation Course** for Assistant Professors of Higher Education Department J&K Government w.e.f from **01-10-2016 to 24-10-2016** organized by **Institute of dvanced Studies in Education (IASE)** formerly **Govt. College of Education**, and Obtained **Grade A**.
- (XIV) Attended 4 week 73rd **General Orientation Course** organized by **UGC-Human Resource Development Center, University of Kashmir, Srinagar** from **06th December 2016 to 04th January 2017** and obtained **Grade A**.
- (XV) Participated in **3 day Workshop on Finalization of Curriculum for 5-year integrated Bsc-Msc Mathematics** held at **Jammu and Kashmir Institute of Mathematical Sciences (JKIMS), Srinagar (Campus Amar Singh College)** from **28th April 2017 to 30th April 2017**.

(6) **Research Experience:**

I have completed my Ph.D Programme in the Department of Mathematics University of Kashmir Srinagar under the joint Supervision of Professor Nisar Ahmad Rather and Dr. Q.M. Dawood. I have published several Research Papers in national and International journals. The details of the Published papers are given below.

S.No.	Title of the paper	Name of the journal
01	An operator Preserving inequalities for polynomials	WSEAS Transactions in Mathematics-Vol 11(2012) No.5 pg 383-390 Print ISSN: 1109-2769 E-ISSN: 2224-2880
02	An L^p Inequality for Polynomials	Nonlinear Functional Analysis and Applications Vol 17 No.1(2012) PP.119-130 ISSN:1229-1595
03	On an operator preserving L^p inequalities between polynomials	Journal of Mathematical Analysis and Applications, Vol 399 (2013) 422-432. ISSN: 0022-247X (SNIP): 1.301 , (SJR): 1.206 Impact Factor: 1.120
04	New Inequalities For The B-Operators	Nonlinear Functional Analysis and Applications, Vol 17 No.3 (2012), 285-300. ISSN:1229-1595
05	On the location of zeros of a polynomial with restricted coefficients	Acta et commentations Universitatis Tartuensis De Mathematica, Vol 18, No.2(2014) pp 1-6
06	On the Derivative of a Polynomial	Applied Mathematics, Scientific Research Publication 3(2012), 746-749. ISSN Print: 2152-7385 ISSN Online: 2152-7393 <u>Google-based Impact Factor: 0.61</u>
07	Some generalizations of Enestrom Kakeya Theorem	Nonlinear Functional Analysis and Applications, vol 18 No.4 (2013), pp 445-451. ISSN:1229-1595
08	On an operator Preserving Inequalities Between Polynomials	Applied Mathematics, Scientific Research Publication 3(2012), 557-563. ISSN Print: 2152-7385 ISSN Online: 2152-7393 <u>Google-based Impact Factor: 0.61</u>
09	Some Inequalities for the Derivative of a Polynomial	International journal of Applied mathematics, Vol 26, No.2 (2013), 177-186. Cites per year: 36.73 h-index: 13, g-index: 18

10	An Inequality for the Polar Derivative of a Polynomial	Advances in Inequalities and Applications 1(2012) 33-42.
11	An Integral Inequality for Polynomials	International Journal of Mathematical Archive 3(5) 2012, page 1-9.
12	An Operator Preserving L_p Inequality between Polynomials	Journal of Contemporary applied Mathematics, V.2 No.2 (2012) p. 42-54.
13	Some New Generalizations and extensions of Enestrom kekeya theorem	Journal of Contemporary applied Mathematics, V.2 No.2 (2012) p. 12-20.

(7) **Awards and Prizes:**

I have bagged the first position in the M.Sc Mathematics programme **Batch 2008-2009** securing 82.25% of marks in aggregate and was awarded a **Gold Medal** in the 18th convocation of Kashmir University Hazratbal Srinagar.

(8) **Co-curriculum Activities:**

I have participated in three days **Inter School Sports Meet 2003** w.e.f 15-10-2003 to 17-10-2003 at **Police Complex Manigam Srinagar**.