**Curriculum Vitae**

**PERSONAL DETAILS**

***Full Name: Dr Tawheeda Rasool***

***Present Address: Tawheed- Abad Nowshera Srinagar 190011 J&K***

***Nationality: Indian***

***Marital status: Married***

***Cell No: 09469634034***

***Email ID:*** [***tawheedrasool@gmail.com***](mailto:tawheedrasool@gmail.com)

**Current Position:**Assistant Professor (Mathematics), Department of Mathematics, Government degree college Ganderbal

**Specialization : Mathematics**

**Sub specialization : Complex Analysis**

***Date of joining the department: 17/08/2016***

# ACADEMIC QUALIFICATION

**Research:**

* **Ph.D** From National Institute of Technology (NIT) Srinagar, Kashmir in Complex Analysis

**Title of Thesis: Zeros and Extremal Properties of Polynomials**.

* **M.Phil** From National Institute of Technology (NIT) Srinagar, Kashmir

**Title of Dissertation: On Enestrom-Kakeya Therom – A Study.**

* **Post-Graduation:** From University of Kashmir in **Mathematics.**

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## WORK EXPERIENCE

**1.Central University of Kashmir, Nowgam**

Department of Mathematics

Designation: Assistant Professor (Contractual)

Duration: 10 months

Year: Since March 2015 till date

**2.National Institute of Technology (NIIT)Srinagar**

Department of Mathematics

Designation: Lecturer (Contractual)

Duration: 9 months

Year: April 2014 to December 2014

**3. University of Kashmir**

Designation: - Lecturer/Coordinator

Department: Directorate of Distance Education (DDE)

Duration: 2years & 6months

Year: May 2010 to December 2012

* Facilitate student learning
* Assist in the coordination and implementation of Kashmir University service and student affairs activities
* Developed and implemented programs to encourage student participation.

Supervised others in the maintenance and enforcement of university policies

**4. S.S.M College of Engineering and Technology Parihaspora Pattan**

Designation: Lecturer

Department: Mathematics

Duration: 2 years

Year:-May, 2007 to April, 200

**5. Higher Education Department Govt Of J&K**

Present posting Government Degree Collge Ganderbal

Depatrment of Mathematics

From 17 /08/2016 till date

**PUBLICATIONS:**

1. *Number of zeros of a polynomial (Lacunary type) in a disk* , Journal of Mathematics and Application JMA. NO. 16 , PP 181-194 (2018).
2. *Location of zeros of Lacunary type Polynomials* , Journal of Mathematics and Application JMA. NO. 41 , PP 171-180 (2018).
3. *Number of zeros of an Analytic Function in a Disk* , International Journal of Advance Research in Science Engineering , Vol. No. 6 Special Issue No. (1) Nov. 2017.
4. *Number of zeros of a polynomial in a disk ,* International Journal of Advance Research in Science Engineering , Vol. No. 6 Special Issue No. (3) Dec. 2017.
5. *Zeros of Certain Polynomials and Analytic Functions with Restricted Coefficients*, Journal of Classical Analysis , Vol 4, No. 2 (2014), 149–157 .
6. *On the Enestrom-Kakeya Theorem*, BIBECHANA 10(2014) 71-81: BMHSS, p.71(online publication Dec 2013)
7. *On Integral Mean Estimates for Polar Derivative of a Polynomial with Restricted Zeros*, An International Mathematical Journal for Theory and Applications(Nonlinear Functional Analysis and Applications) KUPM KOREA, 18, 3 (2013), 397-409.
8. *A Note on Enestrom-Kakeya Theorem and Related Analytic Functions*, Southeast Asian Bulletin of Mathematics (Accepted).
9. *On Zeros of Polynomials with Restricted Coefficients*, Kyungpook Mathematical Journal,Korea KYUNGPOOK Math. J. 00(0000), 000-000.

<http://dx.doi.org/00.0000/KMJ.0000.00.0.000>

1. *Growth of Polynomials with Prescribed Zeros* , International Journal of Modern Mathematical Sciences, Florida USA.6, 2(2013), 68-76 .
2. *Some New Generalization of Enestrom-Kakeya theorem*, International Mathematical Journal for Theory and Applications(Nonlinear Functional Analysis and Applications) KUPM KOREA 17, 2 (2012), 235-248.
3. *Some Generalization of Enestrom-Kakeya theorem*, International Journal of Modern Mathematical Sciences, Florida USA. 4(1) 2012, 48-55 .
4. Paper published in a leading journal namely “ Pure and Applied Mathematika Sciences in September , 2010 Vol. No. 72.

**PARTICIPATION IN CONFERENCES/WORKSHOPS :**

1. Participated in one day workshop on *“Examinations-Evaluations Reforms changing priorities w.s.r.t NEP-2015 Proposals”* at Central University of Kashmir .5th May 2015.
2. Attended workshop of Instructional School for Lecturers in “*Linear Algebra”* held at CEMS, Department of Mathematics, Kuman University SSJ Campus, Almora Uttrakhand. March 17-29, 2014 .
3. Participated in workshop organized by Jammu and Kashmir Mathematical Institute of Sciences Srinagar on *“Mathematica and Related softwares”* in Feb. 29 to 2nd March, 2014.
4. Participated in 4 day teachers training camp/ workshop on *“Mathematical Olympaid”* held from 12 to 15 September in Department of Mathematics, University of Kashmir.
5. Attended one month “Advanced Training in Mathemetics School(AFS-I)” held at Chennai Mathematical Institute (CMI) December 3 to 29, 2012.
6. Participated in workshop *“Role of Mathematics in Science Engineering and Technology”* and presented a paper *“An Extension of EnestrÖm – Kakeya Theorem”* held in Department of Mathematics, NIT Srinagar in March 26, 2012.
7. Participated in seven day workshop on *“Self learning Materials, students support and Research in Distance Education”* organized by Directorate of Distance Education, University of Kashmir.
8. Participated in 6th JK Science Congress held in Kashmir University in Dec. 2010 and presented a research paper entitled *“ On the Zeros of a class of analytic functions”.*
9. Participated in a National level Conference held in IIT Roorkee in Dec. 2009

and presented a research paper *entitled “ON THE ENESTRÖM-KAKEYA THEOREM”.*

1. *Participated in one day workshop on GST conducted in collaboration with J&K bank at GDC ganderbal*
2. *Participated as member of organizing committee in one day regional conference on” sustainable development & environmental iussues in j&k” organized by GDC Ganderbal.*

**Dated :03/12/2018**

**Dr Tawheeda Rasool**