

# CURRICULUM VITAE (CV)

*You can, if you believe you can.*

---

**Faculty Name:** Muzamil Ahmad Teli

(M.Sc, M.Phil, SET, Ph.D pursuing)

**Designation:** Assistant Professor

**Subject:** Physics

**Area of Specialization:** High Energy Physics(Heavy Ion Collision Physics, Neutrino Detection and Measurements).

**College:** Govt. Degree College, Anantnag.

**E-mail :** [telimuzamil001@gmail.com](mailto:telimuzamil001@gmail.com) OR

[muzamilteli@kashmiruniversity.net](mailto:muzamilteli@kashmiruniversity.net)

**Phone :** [+919796992460](tel:+919796992460)

**Date of Appointment:** 17 – 08 – 2016



---

**Summary:** Muzamil Ahmad Teli is currently working as an assistant professor in the Department of Physics, Higher Education Department, J & K, India. Mr. Teli has qualified state level eligibility test for Assistant Professor in Higher Education and Universities. He pursued his M.Sc. and M.Phil from the Department of Physics, University of Kashmir. He is currently pursuing his Ph.D. from University of Kashmir in collaboration with Saha Institute of Nuclear Physics, Kolkata under the joint guidance of Dr. Waseem Bari Tak (KU) and Prof. Supartik Mukhopadhyay (SINP). Mr. Teli has worked as junior research fellow in India Based Neutrino Observatory(INO) project for a period of 03 years and is currently an active member of the detector optimization group of the collaboration.

### **Awards and Achievements:**

- [1] Qualified J & K State Eligibility Test (SET) for Lecturership – 2013, conducted by UGC.

### **Conferences/Workshops attended:**

- [1] Attended the Workshop on “Astronomy and Astrophysics” from 23-26 September held at University of Kashmir in Collaboration with IUCCA Pune.
- [2] Attended the Conference on “High Energy Emission from Active Galactic Nuclei” from 7-9 October (2013) held at University of Kashmir in Collaboration with BRNS.
- [3] Attended the Workshop on “Exploring Radiation in Many Splendors” from 23-24 November (2013) held at SINP Campus Kolkata.
- [4] Attended IUAC “Acquaintance Programme on Frontiers in Accelerator Based Physics” on 24<sup>th</sup> June (2014) held at University of Kashmir in Collaboration with IUAC.
- [5] Attended the “INO Collaboration Meeting” from 02-04 April (2015) held at IIT Madras.
- [6] Attended the “INO-ICAL Software Crash Course” from 07-22 May (2015) held at TIFR Mumbai.
- [7] Attended the one day computational workshop on “Atomic Structure and Transitions: Theory and Computations Using Super Structure Program” on 25<sup>th</sup> March, 2016 held at University of Kashmir in Collaboration with Ohio State University (United States).
- [8] Attended the “34<sup>th</sup> Annual meeting of Astronomical Society of India” from May 10- 13, 2016 held at University of Kashmir.
- [9] Attended and presented a paper “Multiphase Flow in Resistive Plate Chambers” at COMSOL Conference 2018 from August 09- 10, 2018 held at Bangalore India.

### **Orientation/Refresher Courses Attended:**

- [1] Science Academies’ Refresher Course in Experimental Physics, 12-27 April 2016,

Dept. of Physics, University of Kashmir, sponsored by IAS (Bangalore), INSA (New Delhi) and NAS (Allahabad) in collaboration with University of Kashmir.

- [2] 4 – week 72<sup>nd</sup> “General Orientation Programme for Assistant Professors” from 7<sup>th</sup> November, - 06<sup>th</sup> December, 2016 conducted at Institute of Advanced Studies in Education(IASE) in collaboration with Human Resource Development Centre(HRDC), University of Kashmir.
- [3] Refresher Course in Sciences, 16-30 December 2019, organized by HRDC- University of Kashmir.

### **Research Publications:**

#### **International Journal Publications:**

- [1] Pion Production in Neutrino-Nucleus interactions(*JSRPM, Vol. 02, No. 04, 2015*).
- [2] Study of Levy Stability in Relativistic Heavy Ion Collisions(*Journal of Modern Physics, 2015, 6, 912\_920*).
- [3] Forward-Backward Multiplicity Correlations in Relativistic Heavy ion collisions(*Acta Physica Polonica B Vol. 46 No. 10 2015*).
- [4] A study of Target Dependence in relativistic Heavy Ion Collisions(*JSRPM, Vol. 04, No. 02, 2017*).

#### **International Scientific Report**

#### **Publications in symposia/conferences/workshops:**

- [1] Target dependence in Relativistic Heavy ion Collisions.(JK Science Congress 12-14 October 2015).
- [2] Multifractal Analysis of Multiplicity Fluctuations in CNO AgBr Emulsion Interactions at 4.5A and 14.5AGeV(JK Science Congress 12-14 October 2015).
- [3] A Monte Carlo Study of Neutrino- Nucleus Interaction Cross-Sections.(JK Science Congress 12-14 October 2015).

- [4] Investigation of Entropy Generation in Relativistic Heavy Ion Collisions; Proceedings of the DAE-BRNS Symp. on Nucl. Phys. 60, 792 (2015).
- [5] Characteristics And Performance Studies of Glass resistive Plate Chambers; Proceedings of the DAE-BRNS Symp. on Nucl. Phys. 60, 1040 (2015).
- [6] Quasi-Elastic Neutrino-nucleus Interactions; Proceedings of the DAE-BRNS Symp. on Nucl. Phys. 60, 888 (2015) .
- [7] Simulation of a Stack of Resistive Plate Chambers; Proceedings of the DAE Symp. on Nucl. Phys. 62 (2017) .

**Book Publications:** Nil

**Patents:** Nil

**Research Projects (Minor/Major Project):** Nil

### Membership of Scientific Societies:

1. Member of the India Based Neutrino Observatory (INO) Collaboration, India.

### Academic Qualifications:

Examination Passed	Board/University	Subjects	Year	Division/Grade/Merit
SSC	JKBOSE	General	2003	Distinction
Higher Secondary	JKBOSE	Medical+additional Mathematics	2003	Ist
Bachelor's Degree	University of Kashmir	Gen. English, Physics, Math, statistics	2006	Ist
Master's Degree (M.Sc)	University of Kashmir	Physics	2010	Ist
SET	University of Kashmir (UGC)	Physics	2013	
Other	-	-	-	

Diploma/Certificates etc.				
---------------------------	--	--	--	--

### Research Experience:

Research Stage	Title of Work/Thesis	University/Institute	Year
M.Phil	<i>Entropy Generation in Relativistic Heavy Ion Collisions</i>	University of Kashmir	2015
Junior Research Fellow		University of Kashmir(INO Project)	July 2014-Aug. 2106
Ph.D.	<i>Timing and Tracking Performances of RPCs and Their effects on the ICAL Experiment</i>	University of Kashmir & Saha Institute of Nuclear Physics (SINP), Kolkata	Pursuing
D.Sc/D.Litt.			
Training			

### Teaching Experience:

Courses Taught	Name of the University/College/Institution	Duration
U.G. (B.A/B.Sc etc) (B.A/B.Sc. etc. Hons)	Govt. Degree College (Boys), Anantnag	03 Years
P.G. (M.A/M.Sc etc.)	Nil	Nil
Any other (e.g., Women Study, Skill Development, add on courses, Coaching (JUET, CET) etc.	Nil	Nil

**Extension Work/ Community Service:** Nil

*Muzamil Ahmad Teli*  
Assistant Professor (Physics)

*Jammu And Kashmir*  
*Department of Higher Education*