

**JAMAL MOHAMED COLLEGE (AUTONOMOUS),  
TIRUCHIRAPPALLI.DEPARTMENT OF PHYSICS**



1. Name : Major. F.S. Muzammil
2. Date of Birth : 01- 06 - 1970
3. Address :

Residential:

No:84/95, Indian Bank Colony,  
4<sup>th</sup> Street, Khajamalai,  
Trichy – 620 021.

e-mail: [fsmuzammil@gmail.com](mailto: fsmuzammil@gmail.com)

Mobile: 9443672812

Office:

Department of Physics,  
Jamal Mohamed College (Autonomous),  
Trichy – 620 020.

Phone: 0431 – 2331135 \* 326

4. Designation : Associate Professor in Physics  
& Associate NCC officer 2(TN)BN- Infantry

5. Educational Qualifications :

Examination Passed

Year

i) Master's Degree	M.Sc	1992
ii) Research Degree	M.Phil	2006
iii) Research Degree	Ph.D.,	Pursuing
iv) Any other degree/ Diploma / Certificate	PGDCA	1998
v) NET / SELT	SELT	1998

6. Experience:

- i) UG : 30 years
- ii) PG : 23 years
- iii) M.Phil : 07 years

7. Commissioned as NCC Officer with Lieutenant rank in 2007 after training of 90 days at officers training academy, Nagpur, Maharashtra.

8. Area of Specialisation : Electronics & Ultrasonics

9. Languages Known : Tamil, English, Hindi, Malayalam.

10. Subject Taught :

Undergraduate: All Papers in Physics, soft skill development

Postgraduate : Atomic and molecular Physics, Statistical Mechanics, computational physics,

M.Phil : Innovative teaching techniques

11. Research Supervision:

Name of the Degree	No of Candidates		
	Awar ded	Submi tted	Purs uing
M.Phil	17	---	---
Ph.D.,	---	---	---

12. Details of Publications: ---

13. Details of Paper Presented: 06

- “Study of Insulin in human blood samples through ultrasonic velocity” – UGC & CSIR sponsored National level conference on Spectro physics NCONS(2012) organized by Indian Spectro Physics Association (ISPA), held at Pachiyappa’s College, Chennai on 07<sup>th</sup> & 08<sup>th</sup> March 2012.
- “Thermodynamic properties of binary mixture at different temperatures” – UGC & CSIR sponsored National level conference on Spectro physics NCONS(2012) organized by Indian Spectro Physics Association (ISPA), held at Pachiyappa’s College, Chennai on 07<sup>th</sup> & 08<sup>th</sup> March 2012.
- . “Ultrasonic Investigation of Amino acid in aqueous medium” – UGC & CSIR sponsored National level conference on Spectro physics NCONS(2012) organized by Indian Spectro Physics Association (ISPA), held at Pachiyappa’s College, Chennai on 07<sup>th</sup> & 08<sup>th</sup> March 2012.
- . “Ultrasonic studies of molecular interaction in water with Succinic acid solutions at different temperatures” – UGC sponsored National level seminar on Recent Trends in Crystal Growth and Nano Materials (NSCGNM-2012) held at National College, Trichy on 15<sup>th</sup> – 17<sup>th</sup> March 2012.

- · “Acoustical behavior of oxalic acid in aqueous medium” – UGC sponsored National level seminar on Recent Trends in Crystal Growth and Nano Materials (NSCGNM-2012) held at National College, Trichy on 15<sup>th</sup> – 17<sup>th</sup> March 2012.
- · “Molecular interactions in binary mixtures through ultrasonic velocity measurements” – UGC sponsored National level seminar on Recent Trends in Crystal Growth and Nano Materials (NSCGNM-2012) held at National College, Trichy on 15<sup>th</sup> – 17<sup>th</sup> March 2012.

14. Details of Seminars / Conferences / Workshops attended : Many seminars and conferences attended

- UGC sponsored State Level Seminar on "*Applications of Ultrasonics to Organic and Biomolecular Compounds*" held at Jamal Mohamed College, Tiruchirappalli-20 on 26-27 September 2005.
- UGC Sponsored State level seminar on "Recent Advance in Thin Film Technology" held at Department of Physics, Jamal Mohamed College, Tiruchirappalli, on 28<sup>th</sup> September, 2005.
- State Level Seminar on "Advances in Electronics" held at Department of Physics, Jamal Mohamed College, Trichy-20 on 20<sup>th</sup> March, 2006.
- UGC sponsored One day State level seminar on "Recent Trends in Power Science" on 23<sup>rd</sup> July 2008, held at Department of Physics, Jamal Mohamed College, Trichy-20.
- UGC sponsored One day State level seminar on "Recent Advances in Laser Applications (SLS - RALA - 2010)" on 1<sup>st</sup> March 2010 in commemoration of National Science Day held at Department of Physics, Jamal Mohamed College, Trichy-20.
- UGC sponsored state level seminar on "Examination Reforms" held at Jamal Mohamed College (Autonomous), Trichy-20 on 12<sup>th</sup> March, 2010.
- A one day UGC sponsored intercollegiate seminar on "Nano Science and Technology" on 7<sup>th</sup> October 2010, held at Department of Physics, Jamal Mohamed college, Trichy-20.
- A Seminar on "Creating Competitiveness to Excel in Higher Education-a TQM approach" organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 8<sup>th</sup> December 2010.
- NAAC sponsored National level seminar on "Quality Enhancement in Teaching, Research and Extension in Higher Education Institution - Prospects and Problems" on 15<sup>th</sup> & 16<sup>th</sup> April 2010, held at Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20.
- UGC sponsored State level Seminar on “Advanced Research in Physics-A Few Perspectives” on 28<sup>th</sup> February 2012 held at Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli-20.
- UGC sponsored One day National level seminar on "Nano Science And Laser Materials Processing" on 9<sup>th</sup> March 2013, held at Department of Physics, Jamal Mohamed College, Trichy
- UGC sponsored One day State level seminar on "Crystalline Materials and Optoelectronics Devices " on 3<sup>rd</sup> February 2014, held at Department of Physics, Jamal Mohamed College, Trichy-20.
- UGC sponsored One day State level seminar on "Crystalline Materials and Optoelectronics Devices " on 3<sup>rd</sup> February 2014, held at Department of Physics, Jamal Mohamed College, Trichy-20.
- Jamal Mohamed College sponsored One day State level seminar on "Avenues for Higher Scientific Pursuits " on September 2014, held at Jamal Mohamed College, Trichy-20.

- Jamal Mohamed College sponsored One day workshop on “Amateur Radio “ on 28th February 2014. Jamal Mohamed College sponsored Three day workshop on “Amateur Radio “ on 13th 15th March 2015.
- UGC sponsored One day National level seminar on "Laser And Its Applications " on 16<sup>th</sup> March 2015, held at Department of Physics, Jamal Mohamed College, Trichy-20.

15. Details of Seminars / Conferences / Workshops attended : Many seminars and conferences attended

16. Details of Seminars / Conferences / Workshops organized: 01

- A one day UGC sponsored intercollegiate seminar on “Nano Science and Technology” on 7<sup>th</sup> October 2010, held at Department of Physics, Jamal Mohamed college, Trichy-20.

17. Details of Orientation / Refresher Course attended: 05

- i) Attended one Refresher course and one orientation course held in Kerala University.
- ii) Attended one Refresher course in Bharathidasan University, Tiruchirappallion
- iii) Attended one Refresher course in Madurai Kamaraj University, Madurai on November 2010.
- iv) Attended one Refresher course in NCC ( PART –I ) at Officers training academy, Kamptee, Nagpur during 2013.
- v) Attended one Refresher course in NCC ( PART –II) at Officers training academy, Kamptee, Nagpur during February 2023 for promotion to MAJOR rank.

18. Details of Study Material / Books written and published: ---

19. Details of chairing as Resource Person:

- Acted as resource person in Kannur University, Kerala for the implementation of New Curriculum Development for UG degree in 2009.

20. Administrative Positions held in the college: ---

21. Details of Incharge / Membership in committees for Autonomous programme Implementation:

- Member in Internal Quality Assurance Cell (IQAC)

22. Details of Incharge / Participation in Extracurricular Activities:

(NSS, NCC, Sport, Games, Voluntary Association and Cultural Activities)

- NCC officer – Infantry Unit 2 TN ( BN)
- Member – Sports committee
- Attended the Republic Day Parade at New Delhi, January 2010.

23. Details of participation in consultancy, training, Development etc.,: ---

24. Details of membership in Academic Bodies:

- Member in board of studies, JMC.
- Tutor In-charge
- Member in Part-V activity Committee
- Member in College disciplinary committee
- Convenor in students monitoring committie

25. Tutor In-charge Details of membership of Professional Bodies: Nil

26. Countries Visited: Nil

27. Any other information if any: ---

Signature of HOD

Signature of the Staff

Date: