



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

1. Name : Lt.F.S. Muzammil
2. Date of Birth : 01- 06 - 1970
3. Address :
Residential : Office:
No:48, Indian Bank Colony, Department of Physics,
IInd Street, Khajamalai, Jamal Mohamed College (Autonomous),
Trichy – 620 021. Trichy – 620 020.
e-mail: musammil70@yahoo.co.in Phone: 0431 – 2331135 * 326
Mobile: 9443672812
4. Designation : Associate Professor in Physics
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 : 23 years
 - ii) PG : 16 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
 Postgraduate : Atomic and molecular Physics, Statistical Mechanics
 M.Phil : Innovative teaching techniques

11. Research Supervision:

| Name of the Degree | No of Candidates | | |
|--------------------|------------------|-----------|----------|
| | Awarded | Submitted | Pursuing |
| M.Phil | 11 | --- | 03 |
| 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 07th & 08th 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 07th & 08th 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 07th & 08th 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 15th – 17th 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 15th – 17th 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 15th – 17th 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 28th September, 2005.
- State Level Seminar on "Advances in Electronics" held at Department of Physics, Jamal Mohamed College, Trichy-20 on 20th March, 2006.
- UGC sponsored One day State level seminar on "Recent Trends in Power Science" on 23rd 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 1st 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 12th March, 2010.
- A one day UGC sponsored intercollegiate seminar on "Nano Science and Technology" on 7th 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 8th December 2010.
- NAAC sponsored National level seminar on "Quality Enhancement in Teaching, Research and Extension in Higher Education Institution - Prospects and Problems" on 15th & 16th 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 28th 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 9th 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 3rd 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 3rd 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 16th 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 7th October 2010, held at Department of Physics, Jamal Mohamed college, Trichy-20.

17. Details of Orientation / Refresher Course attended: 04

1. Attended one Refresher course and one orientation course held in Kerala University.

2. Attended one Refresher course in Bharathidasan University, Tiruchirappalli on
3. Attended one Refresher course in Madurai Kamaraj University, Madurai on November 2010.
4. Attended one Refresher course in NCC (PART –I) at Officers training academy, Kamptee, Nagpur during 2013.

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 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

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: