

**JAMAL MOHAMED COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI**

**DEPARTMENT OF PHYSICS**



1. Name : I. MANSUR BASHA

2. Date of Birth : 15<sup>th</sup> June 1988.

3. Address :

Residential :  
53A, Jailaniya 3<sup>rd</sup> cross,  
Subramaniapuram,  
Trichy – 620 020  
Phone: 9600363079  
E-mail: [basha\\_mansur@yahoo.co.in](mailto:basha_mansur@yahoo.co.in)

Office:

Department of Physics,  
Jamal Mohamed College (Autonomous),  
Trichy – 620 020  
Phone: 0431 – 2331135 \* 326

4. Designation : Assistant Professor

5. Educational Qualifications :

	Examination Passed	Year
i) Master's Degree	M.Sc	2010
ii) Research Degree	M.Phil	2012

6. Experience:

- i) UG : 5 years 6 months
- ii) PG : 3 years

7. Area of Specialization : Thin Films

8. Languages Known : Tamil, English, Urdu and Arabic.

9. Subject Taught :

Undergraduate: Wave mechanics, Nuclear Physics, Atomic physics,  
Basic Electronics, Properties of matter, Acoustics,  
Material Science, Atomic Physics, Allied Physics,  
Applied Physics

Postgraduate: Mathematical physics, Quantum mechanics, Solid State  
physics, Nuclear and particle physics

10. Details of Publications:

- **I Mansur Basha** and L Akilasundari “Effect of Substrate Temperature on Structural, Optical and Surface Morphological Properties of Spray Deposited V<sub>2</sub>O<sub>5</sub>Thin Film” **Research Journal of Pharmaceutical, Biological and Chemical Sciences**, 4, 169 – 175, 2013 (Impact Factor = 0.35)

#### 11. Details of Seminars / Conferences / Workshops attended : 13

- Participated in 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.
- Participated in 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.
- Participated in the UGC sponsored State level seminar on “Advanced Research in Physics – a few Perspectives” (ARPP) organized by P.G. and Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli on 28<sup>th</sup> February 2012.
- Participated in a one day UGC sponsored intercollegiate seminar on “Teaching, Learning and Research in Higher Education – Excellence and Beyond Excellence” organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 7<sup>th</sup> March 2012.
- Participated in a one day state level workshop on “Importance of Soft Skills” organized by National Service Scheme, Jamal Mohamed College (Autonomous), Tiruchirappalli on 26<sup>th</sup> February 2013.
- Participated in the UGC sponsored National level seminar on “Nano Science and Laser Materials Processing, NLMP - 2013” organized by P.G. and Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli on 9<sup>th</sup> March 2013.
- Participated in the UGC Sponsored International Seminar on “Crystalline Materials and Optoelectronic Devices” on 3<sup>rd</sup> February, 2014 held at Jamal Mohamed College (Autonomous), Tiruchirappalli 20.
- Participated in a one day workshop on “Amateur Radio” on 28<sup>th</sup> February, 2014 held at Jamal Mohamed College (Autonomous), Tiruchirappalli – 20.
- Participated in the UGC – SERO sponsored two days National level conference on “Thin Film Science and Nano Technology” organized by P.G. and Research Department of Physics, Rajah Serfoji Govt. College (Autonomous), Thanjavur on 2<sup>nd</sup> and 3<sup>rd</sup> September, 2013.

- Participated in a State level seminar on “Avenues for Higher Scientific Pursuits” on 8<sup>th</sup> September 2014 held at Jamal Mohamed College (Autonomous), Tiruchirappalli – 20.
- Participated in a three day workshop on “Amateur Radio” on 13<sup>th</sup> to 15<sup>th</sup> March, 2015 held at Jamal Mohamed College (Autonomous), Tiruchirappalli – 20.
- Participated in the UGC sponsored National level seminar on “Laser and its Applications, LAIA 2015” organized by P.G. and Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli on 16<sup>th</sup> March 2015.
- Participated in the TEQIP – II sponsored International conference on “Recent Advancements in Materials, ICRAM – 2015” organized by Department of Physics, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli on 16<sup>th</sup> and 17<sup>th</sup> October, 2015.

12. Details of Incharge / Membership in committees for Autonomous programme

Implementation:

- Member-Board of Studies
- Tutor in – charge for I B.Sc Physics ‘B’ (Women)

Signature of HOD

Signature of the Staff

Date: