

# B I O – D A T A

**NAME** : **Dr. IQBAL QUASIM**

**PARENTAGE** : **Sh. MOHD ASHRAF**

**CATEGORY** : **GENERAL**

**MARRITAL STATUS** : **MARRIED**

**DATE OF BIRTH** : **1<sup>st</sup> of September 1975**

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**DISCIPLINE** : **PHYSICS**

**BROAD FIELD OF SPECIALIZATION** : **SOLID STATE PHYSICS**

**SPECIFIC FIELD OF SPECIALIZATION** : **Crystal Growth and Material  
Research**

**TOPIC OF RESEARCH** : **Studies on Crystal Growth of  
some Pure and Modified Metal  
Tartrates and their  
Characteristics**

## EDUCATIONAL QUALIFICATIONS

<b>Name of Degree</b>	<b>Name of University</b>	<b>Year of Passing</b>	<b>Division</b>	<b>Remarks</b>
B. Sc	University of Jammu	1997	First	73 %
M. Sc	University of Jammu	1999	First	65 %
Ph. D	University of Jammu	2011	N A	Awarded

## **TEACHING EXPERIENCE**

Worked as Assistant Professor in Physics Model Institute of Engineering and Technology Jammu from 24<sup>th</sup> of April 2002 to 12<sup>th</sup> of September 2007

Working as Assistant Professor in Govt Degree Colleges under Higher Education Department of Jammu and Kashmir from 16<sup>th</sup> August 2016 to till date

## **AWARDS AND HONOUR**

Honored with best teacher award on 13<sup>th</sup> December 2015 in an award ceremony held at University of Jammu organized by C T Group of institution

## **FUTURE PLANS OF TEACHING**

I always strive to grow professionally to fit into the institutional priorities and to accomplish this I always try to improve my teaching skills with an aim to meet the requirement of student as well as institution

## **FUTURE PLANS OF RESEARCH**

I am looking forward to focus on research areas that can extend availability of advancement in technology directly to society by growing new materials and explore their applications

## **STUDENT COMMUNITY SERVICE**

Worked as Program Officer of the NSS unit at College level and served the society in general and students in particular

Worked as Nodal Officer in Prime Minister Special Scholarship Scheme of AICTE and helped the students by easing out their problem in acquiring the benefit of the scheme

## **RESEARCH PAPERS PUBLISHED IN JOURNALS**

1. Optical properties of pure and modified copper tartrate single crystal  
**Iqbal Quasim** and N Gupta  
International Journal of Advanced Research in Science, Communication and Technology  
(2021)  
Impact Factor (4.891) (INDIA)
2. Micromechanical and thermal behaviour of gel grown pure and sodium modified copper tartrate crystal  
**Iqbal Quasim** , A Firdous , B Want , S K Khosa , P N Kotru  
Journal of Physics and chemistry of solid (2010)  
Impact Factor (3.442) (U S A)
3. Dielectric and thermal study of gel grown strontium tartrate pentahydrate crystal  
A Firdous , **Iqbal Quasim** , M M Ahmad , P N Kotru  
Journal of Bulletin Material Science (2010)  
Impact Factor (1.392) (INDIA)
4. Study on gel grown pure and strontium modified lanthanum tartrate crystal  
A Firdous , **Iqbal Quasim** , M M Ahmad , P N Kotru  
Journal of Crystal Growth (2009)  
Impact Factor (1.791) (NORTH HOLLAND)
5. Micromechanical behaviour of gel grown pure and doped potassium hydrogen tartrate single crystal  
**Iqbal Quasim** . A firdous , S K Khosa , P N Kotru  
Physica Status Solidi A (2009)  
Impact Factor (1.981) (GERMANY)
6. Optical and electrical characteristics of pure and doped potassium hydrogen tartrate single crystal  
**Iqbal Quasim** , A firdous , S K Khosa , P N Kotru  
Journal of Physics D Applied Physics D (2009)  
Impact Factor (3.169) (U K)
7. Characterization of pure and doped potassium hydrogen tartrate single crystal grown in silica gel  
**Iqbal Quasim** , A Firdous , N Sahni , S K Khosa , P N Kotru  
Crystal Research and Technology (2009) (GERMANY)  
Impact Factor (1.169)
8. Growth and characterization of strontium tartrate pentahydrate crystal  
A Firdous , **Iqbal Quasim** , M M Ahmad , P N Kotru  
Crystal Research and Technology (2008)  
Impact Factor (1.169) (GERMANY)

9. Single crystal growth and characterization of pure and sodium modified copper tartrate  
Iqbal Quasim , A firdous, B Wantt , S K Khosa, P N Kotru  
Journal of Crystal Growth (2008)  
Impact Factor (1.791) (NORTH HOLLAND)

### **PRESENTATION IN SEMINAR, CONFERENCE AND WORKSHOP**

1. Presented paper on “Electrical properties of tartrate crystals” in “International conference on Global Challenges Innovation and sustainability of Mankind” organized at G D C Udhampur on November 2019 by Indian Science Congress Association
2. Presented paper on “Optical properties of pure and modified potassium hydrogen tartrate single crystal” in “J and K Science Teachers Congress” on March 2019 organized by J and K State Science Technology and innovation Council
3. Presented paper on “Optical Properties of Tartrate Compounds” in “National Conference on Mathematical Sciences” organized at G G M Science College Jammu on January 2018 by Department of Science and Technology J and K
4. Presented paper on “Growth and characterization of metal tartrates” in a UGC sponsored “National Seminar on Electronic Devices” on March 2016 organized by Department of Electronics University of Kashmir
5. Presented paper on “Electrical Behaviour of metal tartrates” in a seminar on “Popular Extension Science lectures” organized at G D C Poonch on November 2013 by J and K State council for Science and Technology