**Name: IMTIAZ AHMAD**

hotograph

**Academic Designation: LECTURER**

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I received my MS degree in Physics (Nanotechnology) from Centre of Excellence in Solid State Physics, University of the Punjab, Lahore (2011-2013). I earned my Master degree M.Sc. in Applied Physics from University of Engineering & Technology, Lahore with special paper of Advanced Electronics (2004-2006).

I joined University of Management and Technology (UMT) faculty as a Research Associate in December 15, 2008. Recently, I am working as a Lecturer in the Department of Physics, School of Science (SSC). I am teaching various Physics courses and conducted Physics Labs. Moreover, I am actively engaged in research related activities and **published TWO Research paper** in an international journal. Prior to joining at UMT, I have worked as an O-Level, Physics teacher in one of the prestigious School in Lahore, where I served for Two years.

**Academic Degrees**:

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| --- | --- | --- |
| ***Degree Title*** | ***Institution*** | ***Passing Year*** |
| MS Physics (Nanotechnology) | COE in Solid State Physics  University of the Punjab,  Pakistan | 2011-2013 |
| M.sc.  Applied Physics | University of the Engineering & Technology,Pakistan | 2004-2006 |
| B.sc. | University of the Punjab,  Pakistan | 2002-2004 |
| F.sc. | Board of Intermediate & Secondary Education, Lahore | 2000-2002 |
| Matric | Board of Intermediate & Secondary Education, Lahore | 1998-2000 |

**Interest Areas:**

a) Nanomaterials

b) Nano devices

c) Medical Physics

**Research Work**:

1. **Publications:**
2. Z. H. SHAH, **I. AHMAD**, Q. A. TAHIR, E. E. KHAWAJA

“On the determination of refractive index and thickness of thin dielectric films from measurement of transmittance” Surface Review & Letters, Vol. 19, No. 6 (2012) 1250059-5

1. **Imtiaz Ahmad**, Sidra Khalid and E.E. khawaja

“Filament temperature of Low Power incandescent Lamps: Stefan-Boltzmann Law”

Lat.Am.J.Phys.Educ. Vol. 4,No.1(2010) page 74-78.

1. **Conferences:**

i . Mahwish Bashir, A Ashraf, **Imtiaz Ahmad**, Saira Riaz and Shahzad Naseem,

“Synthesis and Characterization of ZrO2-ZnO Nanoparticles”, Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea

ii . Mahwish Bashir, **Imtiaz Ahmad**, Saira Riaz and Shahzad Naseem, “Structural and

Morphological properties of Zirconia NP’s”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013

iii. Mahwish Bashir, **Imtiaz Ahmad**, Saira Riaz and Shahzad Naseem, “Structural,

Optical and Mechanical Properties of Zirconia Thin Films”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013