

# GC University Lahore

## Faculty Resume

Name	<b>SYED TAHIR ABBAS</b>
Personal	<p><b>RESIDENCE:</b> 02-TAHIR STREET, NABI PARK, RAVI ROAD, LAHORE – 54000.</p> <p><b>PHONE #</b> 042-37703525  <b>CELL #</b> <b>03334469004, &amp; # 03008002005</b></p> <p><b>Email:</b>  <a href="mailto:syedtahirabbas1@gmail.com">syedtahirabbas1@gmail.com</a>  <a href="mailto:tahirabbas@gcu.edu.pk">tahirabbas@gcu.edu.pk</a></p> <p><b>OFFICE:</b> MATERIALS FABRICATION LABORATORY, CENTRE FOR ADVANCED STUDIES IN PHYSICS (CASP), G C UNIVERSITY, LAHORE, PAKISTAN. 042-99210938 EXT 18.</p>
Experience	<p><b>(1) From 12-07-2000 to 29-12-2004,</b>  <b>LECTURER,</b>  CENTRE FOR ADVANCED STUDIES IN PHYSICS (CASP),GC UNIVERSITY, LAHORE. PAKISTAN.</p> <p><b>(2) From 30-12-2004 till date,</b>  <b>ASSISTANT PROFESSOR,</b>  CENTRE FOR ADVANCED STUDIES IN PHYSICS (CASP),GC UNIVERSITY, LAHORE. PAKISTAN.</p> <p><b>(3) DECEMBER 1999~JUNE 2000,</b>  <b>RESEARCH OFFICER,</b>   PAKISTAN COMMISSION FOR RENEWABLE ENERGIES TECHNOLOGIES (PCRET), formerly named  <b>NATIONAL INSTITUTE FOR SILICON TECHNOLOGIES (NIST)</b>  25 – H9, ISLAMABAD.  <b>MINISTRY OF SCIENCE &amp; TECHNOLOGY,</b>  <b>GOVERNMENT OF PAKISTAN.</b></p>
Honor and Awards	AWARDED “PRESIDENT TALENT FARMING SCHOLARSHIP” AT M.Sc. (PHYSICS)

<i>Memberships</i>	<p><b>LIFE MEMBER</b>  <b>THE “PAKISTAN INSTITUTE OF PHYSICS” (PIP)</b></p> <p><b>LIFE MEMBER</b>  <b>THE “PAKISTAN PHYSICAL SOCIETY” (PPS)</b></p>															
Graduate Students Postdocs Undergraduate Students  <i>Honour Students</i>	<table> <thead> <tr> <th><b>Years</b></th> <th><b>Degree</b></th> <th><b>Name</b></th> </tr> </thead> <tbody> <tr> <td>2000-2002</td> <td><b>M.Sc. (PHYSICS)</b> Co-supervised</td> <td>Mr. Iftkhar Ahmad, Roll #. 555, Session 2000-2002.</td> </tr> <tr> <td>2002-2003</td> <td><b>M. Phil (PHYSICS)</b> Co-supervised</td> <td>Mr. NadeemIshaq, Roll # 357-MPH- 2001</td> </tr> <tr> <td>2007-2011</td> <td><b>B.Sc. (Hons)</b> Co-supervised</td> <td>MaymoonaMahboob Roll #191-BH-CHEM-07</td> </tr> <tr> <td>2007-2011</td> <td><b>B.Sc. (Hons)</b> Co-supervised</td> <td>Ayesha Saeed Roll #156-BH-CHEM-07</td> </tr> </tbody> </table>	<b>Years</b>	<b>Degree</b>	<b>Name</b>	2000-2002	<b>M.Sc. (PHYSICS)</b> Co-supervised	Mr. Iftkhar Ahmad, Roll #. 555, Session 2000-2002.	2002-2003	<b>M. Phil (PHYSICS)</b> Co-supervised	Mr. NadeemIshaq, Roll # 357-MPH- 2001	2007-2011	<b>B.Sc. (Hons)</b> Co-supervised	MaymoonaMahboob Roll #191-BH-CHEM-07	2007-2011	<b>B.Sc. (Hons)</b> Co-supervised	Ayesha Saeed Roll #156-BH-CHEM-07
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<i>Service Activity</i>	<p><b>“INCHARGE” MATERIALS FABRICATION LAB</b>  <b>“MEMBER” BOARD OF STUDIES CASP, GCU</b>  <b>“MEMBER” TECHNICAL COMMITTEE CASP, GCU</b>  <b>“MEMBER” STORE COMMITTEE CASP, GCU</b>  <b>TEACHING BS PHYSICS AT CASP, GC UNIVERSITY</b>  <b>LAHORE PAKISTAN (DIFFERENT SEMESTERS &amp; CLASS)</b></p>															
<i>Brief Statement of Research Interest</i>	<p><b>REASEACH AND DEVELOPMENT ACTIVITIES IN THE FIELD OF MATERIALS SCIENCE</b></p>															

## PUBLICATIONS

S. NO.	TITLE	AUTHORS	JOURNAL
1	The Effect of Concentration of Zinc on the Mechanical Properties of $(Al_{30}-Mg_{70})_xZn_{1-x}$ Alloys.	Salah-ud-Din, <u>S. Tahir Abbas</u> , Amar Riaz S. Y. Chisty	Sci. Int.9(1),23-25,1997, Science International, ISSN 1013-5316; CODEN: SINTE 8
2	The Inhibition of Corrosion of $Fe_{78}B_{13}Si_9$ Metallic Glass in 1M HCl by Propargyl Alcohol and Allythiourea.	Salah-ud-Din, <u>S. Tahir Abbas</u> , Amar RiazShaukat Ali	Sci. Int.9(1),13-15,1997, Science International, ISSN 1013-5316; CODEN: SINTE 8
3	Dielectric Study of \Refractory Oxides $(ZrO-MgO-CaO-Al_2O_3)$ .	Salah-ud-Din, <u>S. Tahir Abbas</u> , M. Yousaf	Sci. Int.10(1),13-16,1998, Science International, ISSN 1013-5316; CODEN: SINTE 8
4	Fabrication of PZT Ceramics and Their Characterization.	Salah-ud-Din, <u>S. Tahir Abbas</u> , Shakil Ahmad	Sci. Int.10(1),9-12,1998, Science International, ISSN 1013-5316; CODEN: SINTE 8
5	Effect of Heat Treatment on Mechanical Properties of Al-Si Alloys and their Correlation with Microstructure.	S. A. Siddiqui, <u>S. Tahir Abbas</u> , FarzanaTareen I. M. Ghauri	Presented at “National Conference on Physics 2003” arranged by Pakistan Institute of Physics.
6	The Microstructure Effects on Wear Resistance and Hardness due to Cr Concentration of $(Al_{70}-Ni_{30})_{1-x}Cr_x$ Superalloys.	Salah-ud-Din, AtharNaeem <u>S. Tahir Abbas</u> ,	Presented at “National Conference on Physics 2003” arranged by Pakistan Institute of Physics.
7	Effect of Heat Treatment on Mechanical Properties of Al-Cu-Mg Alloys and their Correlation with Microstructure.	S. A. Siddiqui, <u>S. Tahir Abbas</u> , Neelam Khan	Presented at “National Conference on Physics 2003” arranged by Pakistan Institute of Physics.
8	To Study the Correlation between Microstructure and Mechanical Properties of Al-Mg-Cr Alloy after Work Hardening.	M. N. Ishaq, <u>S. Tahir Abbas</u> , S. Ali	Journal of Natural Sciences and Mathematics PK ISSN 0022-2941; CODEN JNSMAC Vol. 46. No.1 & 2 (April & October 2006) PP 39-46

<i>Research Grants and Contracts.</i>	<p>Entries should include: <b><u>NONE</u></b></p> <p><b>Date            Title            Agency / Organization</b></p> <p><b>Total Award Amount</b></p> <p>Segment the list under following headings:</p> <ul style="list-style-type: none"> <li>• Completed</li> <li>• Funded and in progress</li> <li>• In review</li> </ul>
<i>Other Research or Creative Accomplishments</i>	<ol style="list-style-type: none"> <li>1. <b>Indigenously designed and fabricated the “Creep Test” apparatus at Centre for Advanced Studies in Physics (CASP), GC, Lahore from July 2000 to 2001.</b></li> <li>2. <b>Preparation of PC-1 titled “Establishment of High Tech Central Resource Laboratories”. This project, worth 40 million Pk. Rupees, approximately, has been approved by the “Higher Education Commission” Govt. of Pakistan and the scientific equipment is installed in different laboratories of CASP. GC University, Lahore.</b></li> <li>3. <b>Preparation of PC-1 titled “Installation / Up-gradation of Materials Fabrication &amp; Characterization Facilities”. This project, worth 40 million Pk. Rupees, approximately, has been approved by the “Higher Education Commission” Govt. of Pakistan and the scientific equipment is installed in different laboratories of CASP. GC University, Lahore.</b></li> </ol>
<i>Selected Professional Presentations</i>	