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**السيرة الذاتية**

**الإسم الثلاثي :** خوله جميل طاهر

 **محل وتاريخ الولادة :** كربلاء 9/12/1972

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**الحالة الزوجية :** متزوجه

**اللغات :** العربية والأنكليزية

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 **اللقب العلمي وتاريخ الحصول عليه :** أستاذ 16/4/2014

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**اللقب العلمي الذي حصل عليه**

* استاذ بتاريخ 16/4/2014(فيزياء ليزر)
* استاذ مساعد بتاريخ 15/4/2009 (فيزياء ليزر)
* مدرس نتاريخ 13/4/25
* مدرس مساعد بتاريخ 8/7/2002. 2002.

**الشهادات التي حصلت عليها**

* بكلوريوس (فيزياء) جامعه بغداد / كليه العلوم للبنات –العراق 1997.
* ماجستير (فيزياء ليزر ) جامعه بغداد / كليه العلوم للبنات –العراق 2002.
* دكتوراه (فيزياء ليزر ) جامعه بغداد / كليه العلوم – العراق 2006.

**المناصب التي شغلها**

* معاون عميد في كليه العلوم جامعه كربلاء للفتره 12/2006 الى 7/2007).

عنوان أطروحه الدكتوراه

*Design Nd-glass laser by technique holography ,* Department of Physics, College of Science for women , University of Baghdad, (2006).

عنوان أطروحه الماجستير

*Fabrication optical element by technique holography ),* Department of Physics, College of Science for women ,University of Baghdad, (2002).

**عنوان مشروع التخرج**

*Application X-Ray radiation),* Department of Physics, College of Science for women ,University of Baghdad, (1997).

**المواد التي قام بتدريسها**

* فيزياء الليزر – المرحله الثالثه
* فيزياء الحاله الصلبه – المرحله الرابعه
* فيزياء فلك – المرحله الاولى
* تحليل عددي – المرحله الثانيه
* النظريه الكهرومغناطيسيه – المرحله الرابعه
* البصريات – المرحله الثالثه
* مختبر الكهربائيه والمغناطيسيه – المرحله الاولى
* مختبر البصريات – المرحله الثالثه
* مختبر فيزياء الحاله الصلبه – المرحله الرابعه
* فلسفه علم – المرحله الرابعه

**المواد التي قام بتدريسها لطلبه الدراسات العليا**

* statistical physics/First Semester.
* advance laser /Second Semester.
* non linear optical properties (Special Topics)/Second Semester.

**طلاب الدراسات التي أشرف عليها**

* Sara Abd Alhussen , **MSc thesis**, **Design and Reconstruction The Digital Holography Microscopy** , Department of Physics, College of Science, University of Baghdad,2014
* .Hawraa H. Al-Ghanemy, **MSc thesis, Study linear and nonlinear optical properties(Rhodamine 6G) by z-scan Technique** , Department of Physics, College of Science, University of Kerbala, Karbala, 2015,Iraq.
* **Zehraa Sahib Shanon, MSc thesis**, **Study linear and nonlinear optical properties of lithium tribrate by z-scan Technique** , Department of Physics, College of education , University of Al-Qadisiayh ,2016.

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* Asmaa J. Kadhem , *Improve* *performance solar cell by technique holography ,*Baghdad University, , 2014

**لجان مناقشه طلاب الماجستير**

* Luma Hafedh, Investigation On The Performance Development Of (LiNbO3) Crystal For Second Harmonic Generation & Optical Parametric Oscillation, College of Sciences, University of Kufa, 2013.

* Hana Hasan, Studying the rate equation of transversely excited atmospheric (TEA-CO2) laser, College of education for girls , University of Kufa, 2012.
* Marwa Aljuburi, Design and Evaluation of Spherical and Aspherical High Power Laser Focus Optical System, College of science , University of Karbala,2014.
* Inam Abd Hemood, A mathematical model to study the efficiency of the electrostatic precipitator type (wire - duct)),College of science , University of Karbala,2014.
* Noor Salah,An analyzing study of short range under water laser communication system, Collage of science for women,University of Babylon, 2015 .
* Hawraa hasab ,An experimental study about the effect of the atmosphere on audio signal in free space laser communication links, Collage of science for women,University of Babylon, 2015 .
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**البحوث المنشورة دولياً**

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**2016**

* **Zahraa S. Shanon1, Raad Sh. Alnayli,** **Khawla J. Tahir,**Study of the Nonlinear Optical Properties of Lithium Triborate Crystal by Using Z-Scan Techn ique**, International Journal of Science and Research (IJSR) ISSN (Online): Volume 5 Issue 8, August 2016**.
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**براءة الإختراع**

* Adnan Salih and **Khawla J. Tahir**, fabrication optical element by holographic technique,N.3257 in 18/3/2009

 **البحوث المنشورة محلياً**

**2002**

* Fabrication holographic grating by DCG, college of education for women, **Vol**.3,No.2,2002.
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 **2014**

* Design device to measure the speed of objects, **J of Kerbala** **University** , **Vol**. 12, No.1 Scientific . 2014.
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* **Khawla jemeal tahir**,Nonlinear Optical Properties of LiNbo3 Thin Film Using Z-Scan Technique, **J of Kerbala University**, **Vol**. 12 No.3 Scientific 2014.
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* **Khawla J. Tahir** and Hawraa H. Obeed,Study of the optical properties R6G doped polymer PVA for different thicknesses, Al Bahir Vol. 1, No. 1 P.(85-96),2015.

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**المؤتمرات**

* 1st International Conference On Laser Applications And Advanced Materials 16-18 December,ICLAMM,Iraq Baghdad, 2014.
* The Second Scientific Conference of College Science of Kerbala University, 26-27 Feb 2014, Karbala, Iraq.
* The First Scientific Conference of College Science of Kerbala University, 13-14 March 2013, Karbala, Iraq.
* The first scientific conference of the Department of Physics / college of Science for woman , University of Baghdad 2011 " effect Factors of the optical elements holography
* The Sixth Symposium for KerbalaUniversity 1-2 May 2010, Iraq.

* The Fourth Symposium for KerbalaUniversity 11-12 April 2009, Iraq.

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