


## Curriculum Vitae

 <p style="text-align: center;"><b>Mohammed Saleh Mehde Mohammed Saleh Al - Khafaji.</b></p>	<b>name</b>
<b>Iraq / Baghdad / 1953</b>	<b>date of birth</b>
<b>Married</b>	<b>Marital status</b>
<b>Doctorate</b>	<b>degree</b>
<b>Professor</b>	<b>Academic title</b>
<b>Laser Spectroscopy and optoelectronics</b>	<b>Specialty</b>
<b>School of Molecular Science University of Sussex Brighton UK</b>	<b>University of graduate</b>
<p><b>. Bachelor of Physics / Mustansiriya University / Faculty of Science in 1977.</b>  <b>Master in Methods of Physical Analysis / University of Aston / Birmingham / UK in 1980.</b>  <b>Ph.D. in Laser Spectroscopy / University of Sussex, Brighton, Britain, 1984.</b></p>	<b>Certificates and degree obtained</b>
<p><b>Period from 1984 to 2013</b>Topics studied:</p> <ol style="list-style-type: none"> <li>1. <b>1. Laser physics.</b></li> <li>2. <b>2. Laser spectra.</b></li> <li>3. <b>3. Electronic optics.</b></li> <li>4. <b>4. Engineering optics and waveguide.</b></li> <li>5. <b>5. Laser Applications.</b></li> <li>6. <b>6. Nonlinear optics.</b></li> <li>7. <b>7. University physics.</b></li> <li>8. <b>8. Laser design.</b></li> </ol> <p>stages studied:</p> <ol style="list-style-type: none"> <li>1 <b>studying undergraduate.</b></li> <li>2. <b>postgraduate Masters.</b></li> <li>3. <b>Postgraduate PhD.</b></li> </ol>	<b>Teaching experience</b>
<ol style="list-style-type: none"> <li>1. <b>Supervised (64) master students.</b></li> <li>2. <b>Supervised (23) PhD students</b></li> </ol>	<b>Supervision</b>

<ol style="list-style-type: none"> <li>1. Published research (74).</li> <li>2. Conferences (40) Conference outside and inside Iraq.</li> </ol>	<b>Research and conferences</b>
<ol style="list-style-type: none"> <li>1. Laser spectroscopy in laser pumping diatomic molecule.</li> <li>2. optical modulation using active crystals.</li> <li>3. Use of laser in the field of medical treatment.</li> <li>4. Theoretical and practical studies in the generation of lasers.</li> <li>5. Studies in optical electronics and their optical communication applications.</li> <li>6. studies in the field of energy</li> </ol>	<b>Research fields</b>
<ol style="list-style-type: none"> <li>1, Concentrated laser treatment device.</li> <li>2. Continuous semiconductor treatment laser device.</li> </ol>	<b>patent</b>
<p style="text-align: center;"><b>.Non - chemical drinking water sterilization system</b></p>	<b>Creative Works</b>
<p style="text-align: center;"><b>A study entitled How to develop the performance of higher education study under the guidance of the Presidency of the Republic of Iraq and submitted to the Ministry of Higher Education 2016</b></p>	<b>Strategic Studies</b>
<ol style="list-style-type: none"> <li>1. Certificate of Excellence from the Minister of Higher Education and Scientific Research in supervision of graduate students 15/2/2006</li> <li>2. Many certificates of appreciation from different ministries, scientific societies and thanks giving since 1985.</li> <li>3. Five thanks giving from the President of the University of Technology for the years 2005-2006-2007.</li> <li>4. -٤ Four of thanks giving from the Deputy Minister of Higher Education and Scientific Research for the years 2006-2007-2008.</li> <li>5. A letter of thanks from the Minister of Education to study and discuss the curriculum syllabuses for the preparatory and intermediate stages in 2008.</li> <li>6. Certificate of Excellence for the Iraqi Laser Society as its Chairman from the Minister of Higher Education and Scientific Research in 2009.</li> <li>7. Certificate of appreciation from the Director General of the Department of Scientific Care / Ministry of Youth in 2009.</li> <li>8. Letter of thanks from the Minister of Education for the efforts in writing the book of physics for intermediate and preparatory stages in 2009.</li> <li>9. Holds the University of Technology Award for Good Service in 2011.</li> <li>10. Holder of the rank of first professor at the University of Technology for the year 2012 and scientific research on the occasion of obtaining the rank of first professor in 2012.</li> </ol>	<b>Certificates of excellence, certificates of appreciation and thanks giving</b>

- 11. Certificate of appreciation from the Minister of Higher Education and Scientific Research**
- 12. A letter of thanks and appreciation from the Minister of Education for the year 2012 for the efforts made in the book of physics for the sixth grade scientific.**
- 13. A letter of thanks and appreciation from the Director General of the Ministry of Education for the year 2012 for the efforts in the book of physics for the sixth grade scientific.**
- 14. Certificate of appreciation from the General Secretariat of the Council of Ministers / Center of Iraqi Economy Development 2012.**
- 15. A letter of thanks from the Cut Provincial Council for his academic activities in Wasit Governorate.**
- 16. Certificate of appreciation from the Minister of Higher Education and Scientific Research for his efforts in the membership of scientific committees for 2013.**
- 17. A letter of thanks and appreciation from the Chairman of the Committee of Deans of Engineering Colleges for the active participation in the Committee.**
- 18. A letter of thanks and appreciation from the Minister of Higher Education and Scientific Research for the distinguished performance of the Deans Committee for the year 2013.**
- 19. Acknowledgment and appreciation from the Dean of Al-Kut University for his outstanding efforts in concluding the agreement of scientific and cultural cooperation between the University of Technology and Al-Kout University.**
- 20. A letter of thanks and appreciation from Mr. Wassit Governor, who is honored for the outstanding efforts exerted in the establishment of Al-Kout University College.**
- 21. A letter of thanks and appreciation from the Minister of Higher Education and Scientific Research for the year 2013 to all those who lead and manage the university.**
- 22. A letter of thanks and appreciation from Mr. Wassit Governor for his outstanding contribution to the establishment of Al Kout University College for the year 2014.**
- 23. A letter of thanks and appreciation from the President of Kut University for the outstanding achievement in concluding a scientific cooperation agreement between the University of Technology and Kut University for the year 2014.**
- 24. A letter of thanks and appreciation from the President of the University of Technology for the outstanding contribution to the conclusion of the agreement of scientific cooperation with the College of Kut University and a letter of thanks from the Governor of Kut for 2014.**
- 25. A letter of thanks and appreciation from the Dean of Al-Kout University College for the year 2011 for the effective support provided by the department to support the college in the early**

<p>stages of its establishment to issue a valuable collection of the student guide in the department for the purpose of reviewing and benefiting from it in the future.</p> <p>26. A letter of thanks and appreciation from the President of the University for the year 2014 in order to contribute effectively and distinctly to the meeting of the opinion body at the University.</p> <p>27. Certificate of appreciation from the Arts Foundation for the participation and contribution of distinguished and active in the festival of the Foundation for the year 2014.</p> <p>28. A letter of thanks and appreciation from the President of the University for outstanding efforts in the membership of the University Council for the academic year 2013-2014.</p> <p>29. Many of the books of thanks from the President of the University and others from 2014- 2018</p>	
<p>More than (300) discussion committee between the president and a member.</p>	<p>Number of discussion committees for master and doctoral students</p>
<p>1 .Teaching 1984 - Continuous.</p> <p>2 .Associate of Scientific and Teaching Affairs 1996-2000.</p> <p>3.Teaching in 2000-2003.</p> <p>4 .Head of laser engineering branch 2003-2005.</p> <p>5 .President of the Iraqi Laser Society of the year 2004 and continuous.</p> <p>6 .Director of the Fuel and Energy Research Center 2005-2007.</p> <p>7 .Scientific Assistant to the Deanship of Laser Engineering and Electronic Optics 2007</p> <p>8 .Visiting Professor at the National Institute of Laser Sciences - Cairo University 2007-2008.</p> <p>9 .Member of scientific committees for scientific promotions and graduate studies for the years 2006-2008.</p> <p>10 .Member of the Editorial Board of Engineering and Technology Magazine 2007-2008.</p> <p>11 .Member of the Ministerial Committee for the compilation of physics books for intermediate and preparatory stages.</p> <p>12 .Member of the Committee of the objection to scientific promotions 2010</p> <p>13 .Head of Department of Laser and Optical Electronics Engineering of the year 2011 -2015</p> <p>14 .Chairman of the Coordination Council between the Ministry of</p>	<p>Academic experience</p>

<p><b>Higher Education and Scientific Research with the Ministry of Defense since 2013 -2015.</b></p> <p><b>15 .Founding member of Al-Kut University College for the year 2013.</b></p> <p><b>16 .Member of the Ministerial Committee for the selection of candidates for Science Day 2013.</b></p> <p><b>17 .Advisor to the President of the Republic of Iraq for Education and Higher Education affair 2015 and continuous</b></p> <p><b>18 .Many scientific and social activities such as the head of preparatory committees for the conference or membership.</b></p> <p><b>19. Chairman of the Central Committee for Scientific Promotion of the Iraqi Computer Authority</b></p>	
<p><b>University of Technology / Department of communication Engineering</b></p> <p><b>E- mail : mosame_11 @yahoo.com</b></p> <p><b>Tel.: 009641- 5153322</b></p> <p><b>Mobile: 00964- 7901478120</b></p>	<b>Address</b>