



جامعة العلوم والتقنية في الفجيرة  
UNIVERSITY OF SCIENCE & TECHNOLOGY OF FUJAIRAH

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name: Asmaa Youssif Harhash

Nationality: Egyptian

Job Title: Professor

Marital Status: Single

College: Dentistry

Department: Restorative Dentistry

Date of Birth: 2 May 1973

Moile Number: +971563371775

E-mail: [asmaaharhash@yahoo.com](mailto:asmaaharhash@yahoo.com) ,,  
[a.harhash@ustf.ac.ae](mailto:a.harhash@ustf.ac.ae)

### EDUCATIONAL BACKGROUND

#### 1. Doctorate

University: Cairo University

Country: Egypt

Date of Obtaining degree 2008

Major: Restorative Dentistry

Minor: Conservative & Esthetic  
Dentistry

Title: Effect of Fluoride Releasing  
Adhesives and Fluoride Uptake by  
Tooth Substrate on Nanoleakage and  
Shear Bond Strength of Resin  
Composite to Dentin

#### 2. Master

University: Ain Shams University

Country: Egypt

Date of Obtaining degree: 2004

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Major: Restorative Dentistry

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Minor: Operative Dentistry

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Title: A Comparative Study on Some Mechanical properties of Fluoride and Non Fluoride releasing posterior composites

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### 3. Bachelor

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University: Cairo University

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Country: Egypt

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Date of Obtaining degree: 1996

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#### COMPUTER SKILLS

MS Word	Beginner	Intermediate	√ Advanced
MS Excel	Beginner	Intermediate	√ Advanced
MS Power Point	Beginner	Intermediate	√ Advanced
MS Outlook	Beginner	Intermediate	√ Advanced
Internet	Beginner	Intermediate	√ Advanced

#### LANGUAGE SKILLS

Arabic	Beginner	Intermediate	<b>√Advanced</b>
English	Beginner	Intermediate	√ Advanced
Other, specify	Beginner	<b>√ Intermediate</b>	Advanced

## PROFESSIONAL EXPERIENCE

From (year)	To (year)	Position	Employer	Country
2015	2021	Professor	Egyptian Russian University	Egypt
2014	2015	Assistant Professor & vice dean for education and student's Affair	Fayoum University	Egypt
2011	2014	Assistant Professor & Lecturer	El Nahda University	Egypt
2003	2011	Assistant Lecturer & Lecturer	Misr University for Science & Technology	Egypt

## EDUCATIONAL EXPERIENCE

Academic Year	Course Title	Academic Year	Course Title
2008 - 2011	Pre-clinical operative third year & clinical for fourth year		
2011 - 2014	Preclinical operative for third year & Clinical for fifth year		
2014 - 2015	Pre-clinical operative third year		
2015 - 2021	All preclinical & clinical courses for the three years of operative		
2019-2021	Esthetics		

## PUBLICATIONS

### 1. Books

- Author & Co author of the Conservative Department text books taught at Egyptian Russian University.
- Co-author the Conservative Department text books taught at Al-Nahda university and Misr University for science & technology.

### 2. Book Chapters

Scope & Objectives of operative Dentistry  
Cavity Classification & Nomenclature  
General principles of cavity preparation

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Clinical significance of tooth form & Occlusion  
Instruments & Instrumentation  
Matricing  
Non carious lesions

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Amalgam restoration  
Direct esthetic tooth colored restorations  
Intermediary liners & bases  
Temporary restorations

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Introduction to adhesive dentistry  
Introduction to Indirect restorations  
Biological influences of restorative materials and procedures on vital tooth tissues  
Teeth hypersensitivity

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Patient reception, operating positions & field preparation  
Sterilization & infection control  
Patient assessment, examination, diagnosis & treatment planning  
Health hazards in operating room  
Control of dental fear & pain during operative procedures  
Isolation of operative field

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Care of gingival tissues  
Management of deep caries  
Selection of suitable restorative materials  
Light curing systems

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Esthetic considerations in conservative dentistry  
The Conservative approach  
Treatment techniques for non-cariou lesions  
Mile stone in adhesion

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Survival & Failure of restorations  
Repair  
Geriatrics  
Management of badly broken down teeth  
A glimpse into the future

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Principles of Esthetics  
Esthetic Problems  
Esthetic Treatment planning  
Smile design  
Digital smile design  
Esthetics & other specialities  
Maintaining dental attractiveness

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### **3. Journal Articles**

- How sports drink and soft beverages are hazards to innovative resinous composite restoration? Part I and II" Publication - Egyptian Dental Journal, March 2009.
  - "Fluoride release in neutral/acidic solutions and its effect on surface roughness of esthetic-restoratives" Presentation-"IADR"Barcelona,Spain-July 2010 Publication - Egyptian Dental Journal - Jan 2014.
  - "Sealing Ability And Resin Tag Infiltration Of Moisture Tolerant Versus Conventional Resin Based Sealant: An In Vitro Study" Publication - Egyptian Dental Journal - April 2012.
  - "Surface Topography of Esthetic Restoratives: Effect of Finishing and Mouth Rinses" Presentation - "IADR" Seattle, USA - March 2013.
  - "Bond Durability of Low Shrinkage and Nanofilled Resin Composite Restoratives" Presentation -"IADR" in Seattle, USA - March2013 & Publication-Egyptian Dental Journal in Jan 2014.
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- "Effect of pH-Cycling on the Surface Roughness and Micro hardness of Resin Composite Restoratives & Giomer" Publication EgyptianDental Journal - July 2013.
  - "The Effect of Radiotherapy Dose on the Bond strength of Resin Composite to Both Enamel and Dentin" Publication - Egyptian Dental Journal - Oct 2013.
  - "Degree of conversion of Resin Composite Incorporating Silver Nanoparticles" Publication - Egyptian Dental Journal - Oct 2013.
  - "Effect of Different pH Beverages on Surface Hardness and Diametral Tensile Strength of Two Resin Composites" Publication - Egyptian Dental Journal - April 2014.
  - "Impact of different gamma irradiation doses on enamel microhardness and its resistance to demineralization (in vitro study) "Egyptian Dental journal April 2014
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- “Evaluation of the Shear Bond strength of Orthodontic Adhesive System Containing Antimicrobial Silver Nano Particles on Bonding of Metal Brackets to Enamel Life Science Journal Dec 2015
  - “Microshear bond strength of resin composite to tooth substrates treated with acid etching or conditioned by laser: an invitro study” Egyptian Dental journal. Jan 2016
  - “Buccal Corridors: A Fact or a Myth in the Eyes of Laymen?” Open Access Macedonian Journal of Medical Sciences Dec 2016
  - “Radiographic Evaluation of Non-Operative Repair Depths for Various Preventive Approaches.” Research Journal of Pharmaceutical, Biological and Chemical Sciences May-June 2017
  - “A comparative in vitro study on fluoride release and water sorption of different flowable esthetic restorative materials.” European Journal of Dentistry April 2017
  - “Influence of additional polishing on the surface texture of esthetic restorative materials in different mouth rinses: An in vitro study.” Egyptian Dental Journal July 2018
  - “Effect of poly acrylic acid pretreatment on the microtensile bond strength of self-adhesive resin cement and resin modified glass ionomer cement to dentin” Egyptian Dental Journal July 2018
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- Attended & shared as a Chairperson in session in EDSIC 2021 held in Intercontinental City Stars, Cairo Egypt on 1st -3rd of Sep 2021.
  - Attended & Participated in the 8<sup>th</sup> Scientific Day of Operative Dentistry Department entitled “Minimally Invasive Operative Dentistry that was held in The Faculty of Dentistry (Mansoura University),Jan 26<sup>th</sup> 2020.
  - Attended & Participated in the Scientific Meeting held by Cairo Dental Syndicate in July 11<sup>th</sup> 2019.
  - Speaker & Contributor in the 7<sup>th</sup> Minia University International Dental Congress that was held in March 28-29<sup>st</sup> 2019.
  - Attended & Participated in the Annual Conference of the 4<sup>th</sup> Egyptian Dental Day that was held in Kasr Al-Ainy Conference Centre at Cairo University organized by the Egyptian Association of Dental Students in March 1<sup>st</sup> 2019.
  - Attended the Scientific Day of the Conservative Dentistry Department - Cairo University on 22<sup>nd</sup> of Dec 2018.
  - Attended & shared as a Chairperson in session in EDSIC held in Intercontinental City Stars on 5th-9th of Sep 2018.
  - Attended & Participated by a Poster in the IADR/Pan European Regional Congress 96<sup>th</sup> General Session & Exhibition in London, England, July 25-28 2018. Presenting a Research “Remineralization Potential: CPP-ACP Versus Nano-Hydroxyapatite or Sodium-Fluoride on Erosive Enamel”
  - Attended The International Dental Conference held in Tanta, on 13<sup>th</sup> – 15 th of Dec. 2017.
  - Attended as a Chairperson in session at The 18<sup>th</sup> International Dental Congress Organized By the Egyptian Dental Association in Intercontinental City on 22<sup>nd</sup> – 24<sup>th</sup> of Nov. 2017.
  - Attended as a Chairperson in session at The 29<sup>th</sup> Annual World Congress held in New York, USA, on 16<sup>th</sup> – 18<sup>th</sup> of Oct. 2017.
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- Attended The EDSIC held in Intercontinental City Stars on 13th-15th of Sep 2017.
  - Attended & shared as a Speaker in support of EADS held in Ain Shams University organized on 10th of March. 2017.
  - Attended & shared as a Speaker in support of 2<sup>nd</sup> International Dental Students' Congress EADS held in Cairo University organized on 18th of Nov. 2016.
  - Attended The 2<sup>nd</sup> International Dental Conference- Ain Shams University In collaboration with Misr International University Held in Intercontinental. City Stars, 18-21 Oct. 2016.
  - Attended & participated as a Speaker by a lecture in The Scientific program of the 15<sup>th</sup> International Dental Congress of the Egyptian Clinical Dental Society held in Grand Nile Tower, on 13<sup>th</sup> -16<sup>th</sup> April 2016.
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- Attended & participated by a Poster in UAE International Dental Conference & Arab Dental Exhibition AEEDC Dubai held on 2<sup>nd</sup> – 4<sup>th</sup> Feb 2016.
  - Attended & shared as a Chairperson in session in The 17<sup>th</sup> International Dental Congress Organized By the Egyptian Dental Association in Intercontinental City stars 11<sup>th</sup>-10<sup>3h</sup> Nov. 2015
  - Attended & Participated as a Speaker in The 4<sup>th</sup> International Dental Congress Sessions & Workshop Entitled “Conservative Management of all Tooth Discoloration” Organized By Cairo University Held in Intercontinental City stars 7<sup>th</sup>-10<sup>th</sup> April 2015
  - Attended & Participated as a Poster Presenter in the IADR/AADR/CADR General Session & Exhibition in Boston, Mass, USA, March 10-14 2015. Presenting a Research “Short-Term Fluoride Release and Water Sorption of Two Esthetic Restoratives”
  - Attended The 1<sup>st</sup> International Dental Congress- Ain Shams University In collaboration with Misr International University Held in Intercontinental. City Stars, 9-11 Oct. 2014.
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- Attended & participated in The Scientific Activities of the Conference as one of the Registered Delegates of 2<sup>nd</sup> Annual Conference held in Tanta, on 3<sup>rd</sup>-4<sup>th</sup> of Oct. 2013.
  - Attended & Participated as a Speaker in the IADR/AADR/CADR General Session & Exhibition in Seattle, Wash., USA, March 20-23 2013. Presenting a Research “Surface Topography of Esthetic Restoratives: Effect of Finishing and Mouth-Rinses”
  - Attended & Participated by a Poster in the IADR/AADR/CADR General Session & Exhibition in Seattle, Wash., USA, March 20-23 2013. Presenting a Research “Bond Durability of Low-Shrinkage and Nano-filled Resin Composite Restoratives”
  - 2<sup>nd</sup> International Dental Conference of Future University "Pursuit for Excellence" that was held from 30<sup>th</sup> April-3<sup>rd</sup> May, 2013
  - 2<sup>nd</sup> Annual Dental Conference, Gharbia, Held on Oct. 3-4 /2013 in Tanta, Egypt.
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- 18th Alexandria International Dental Congress (AIDC 2012) (Revolution in Dentistry) organized by Faculty of Dentistry- Alexandria University from 7<sup>th</sup>-11<sup>th</sup> of Nov. 2012.
  - "Self-Adhesive Flowable Composite Resin, A systematic review" Speaker in the 4<sup>th</sup> International Dental Congress organized by the Minia University –Faculty of Dentistry held in 25<sup>th</sup>-28<sup>th</sup> Sep. 2012.
  - Participated in YSEP (Young Scientist Educational Program) Science Fair organized by The Egyptian Association for Educational Resources held in 2012.
  - "Spreading Smiles" Speaker in the 2<sup>nd</sup> Dental Conference organized by the Association of Social Ties and Scientific Dentists of Bani Swief in collaboration with the Egyptian Association of Oral & Maxillofacial Surgery held in 8<sup>th</sup>-9<sup>th</sup> March 2012.
  - 15<sup>th</sup> International Dental Congress held in Cairo from 26<sup>th</sup>-28<sup>th</sup> October 2011 organized by The Egyptian Dental Association.
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- 17th Alexandria International Dental Congress (AIDC) held in Alexandria under the Topic (Art & Science) from 2nd-5th November 2010.
- Attended and presented a poster at the 88th General Session & Exhibition of the IADR (International Association for Dental Research) that has been held in July 2010 in Barcelona-Spain.
- 2nd International Dental Congress of the Faculty of Oral and Dental Medicine-Cairo University held in 24th-26th March 2010.
- 14th International Dental Congress held in Cairo from 11th-13th November 2009 organized by The Egyptian Dental Association.
- Attended the First International Implantology Conference held in Cairo from 19th -21st March 1995 organized by The Egyptian Scientific Society for Dental Implantologists.

<b>PROFESSIONAL AND ACADEMIC ACTIVITIES</b>	<ul style="list-style-type: none"> <li>- Managed the administrative day-to day activities of the faculty and coached students to identify their strong points, weaknesses and develop their professional plans</li> <li>- Coached selected students to win third position in their 1<sup>st</sup> participation in the national scientific competition held in Ain Shams University (March 2015) as a Head of Dental Student Scientific Association.</li> <li>- Ensured that correct and clear standards of ethical and laboratory practice are set out and implemented the provision of continuous education and learning among my students.</li> <li>- Head of Dental Student Scientific Association.</li> <li>- Inspired colleagues &amp; students ways to seek respective opportunities in the field of dentistry, challenging cases in conservative dentistry, especially operative work.</li> <li>- Managed the Central Examination Control during final exams</li> <li>- Assessing in the quality committees in the faculty of Dentistry in the aforementioned universities</li> <li>- Co-Director of the VIP Clinics in the educational hospital in Al Nahda University.</li> </ul>
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<b>1. Professional Training</b>	Attended & shared the training course entitled “Description of Programs and curriculum maps for Institutions of Higher Education” introduced by The National Authority for Quality Assurance and Accreditation of Education during the period of 18th-20th Sep 2017.
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## 2. Workshops

- Attended and met the standards required for completion of 6 training courses in **University Management, Effective Presentation Skills, Managing Research Teams, Use of Technology in Teaching, The Credit Hour Systems & International Publishing of Scientific Research** which were held in the Faculty and Leadership Development Centre in Cairo University in September 2013.
  - Attended & shared in a session about (Self Assessment of Higher Education's Organizations) organized by the National Authority for Quality Assurance and Accreditation of Education on 4th-8th of Oct. 2012.
  - Attended & shared in a session about (Development of the skills of the University's Staff members) organized by Al-Nahda University on 11th-13th of Sep. 2012.
  - Completed the workshop of "Applying Computer Technologies in Teaching methodologies and Research" organized by Nahda University held on the 4th of July 2012.
  - Attended the Scientific Program of Fixed Prothodontics Department "All about CAD/CAM in One Day" organized by Cairo University-Faculty of Oral and Dental Medicine held on the 18th of June 2012.
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- Attended & shared in a training of a session about (International Publishing of Scientific researches) organized by Al-Nahda University in March 2012.
  - Attended & shared in a session about (Development of the skills of the University's Staff members) organized by Al-Nahda University in Sep. 2011.
  - Conducted a new research project in CANADA in the summer of 2009 when I was invited as a visiting lecturer to the Restorative Department of Toronto University.
  - Attended MRD "Member ship for Restorative Dentistry", The Royal College of Surgeons of Edinburgh's Revision Course, held in Misr University for Science & Technology, 6th October in Egypt from 29th-30th July 2008.
  - Attended the Workshop on the Impact of Genetics on Dentistry which was held at Misr University for Science and Technology from 6th-8th March 2007.
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- Quality Assurance Workshops, Al Nahda University, *Participant* (2011-2013).
  - Introduction to E-Learning, Al Nahda University, *Participant* (2011-2013).
  - Effective teaching skills, Cairo University, *Participant* (2013).

### 3. Master Theses Supervision

1. Surface morphology of erosive enamel lesions remineralized using casein-phosphopeptide amorphous calcium phosphate versus nano-hydroxyapatite in comparison to sodium fluoride by using the Atomic force microscope: An in-vitro study: Amr Ali Ibrahim Abdou Ass. Prof. Eman El Sayad, Ass Prof. Asmaa Harhash. Submitted to Cairo University, in Partial Fulfillment of the Requirements of Master Degree in Operative Dentistry. (2018)
  2. Micro Shear Bond Strength of Resin Composite to tooth substrates treated with acid etching or conditioned by laser: An in vitro study. Nour Eldin Ibrahim Amin. Supervisors: Prof. Amira Farid Elzoghby, Ass. Prof. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2015)
  3. Effect of Different Finishing Systems and Time of Finishing on Surface Roughness of Bulk-fill Resin Composite Versus Nano Resin Composite. Prof. Omaima Ghalab, Ass. Prof. Asmaa Harhash. Submitted to Ain Shams University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2018)
  4. Effect of Flowable Bulk-Fill Composite on the Microtensile Bond Strength of Adhesives to Tooth Substrates. Candidate: Ahmed Gamal Saad Zaghoul. Supervisors: Prof. Mai Yousry, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry (2012)
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1. Depth of Cure and Adaptation of Bulk-Fill Resin Composites. Candidate: Shadwa Hatem Kabil. Supervisors: Prof. Mai Yousry, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements Of Master Degree in Operative Dentistry (2012).
  2. Micro-leakage of Self Adhesive resin composite of hyper mineralized dentin. Candidate: Mona Mahmoud Gouda. Supervisors: Prof. Enas Mohy El Din, Dr. Asmaa Harhash. Submitted to Cairo University for partial fulfillment of requirements For Master Degree in Operative Dentistry. (2011)
  3. Influence of Different Curing Modes of Light Emitting Diodes (LED) On Surface Hardness and Color Stability of contemporary Restoratives. Candidate: Ahmed Moustafa Elbadrawy. Supervisors: Prof. Mohamed R Farid, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of MScD (2010).
  4. Effect of Fluoride releasing protecting layer on Color Stability of Novel Restorative materials. Candidate: Hesham Mohamed El gnedy. Supervisors: Prof. Mohamed R Farid, Dr. Asmaa Harhash. Submitted to Cairo University For partial fulfillment of the requirements of master degree in operative dentistry. (2011)
  5. Bond strength of bulk and incrementally filled class II direct composite restoration. Candidate: Eman Wafik Ismail. Supervisors: Prof. Mona I. Riad, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2011)
  6. Effect of Curing Time on Degree of Conversion of Three Different Bulk Fill Composites. Candidate: Radwa Nagy Abd el Wahed Ahmed. Supervisors: Ass. Prof. Omaima Ghalab, Dr. Asmaa Harhash. Submitted to Ain Shams University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2013)
  7. Shear Punch Strength of Resin Composite Incorporating Silver Nanoparticles. Candidate: Ashraf Mohammed Aref. Supervisors: Prof. Mona I. Riad, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2013)
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#### **4. Doctorate Theses Supervision**

1. Effect of different biomimetic materials on white spot lesions in enamel: Eptesam El Begawy Supervisors: Prof. Maha Niazy, Ass. Prof. Asmaa Harhash. Submitted to Al-Azhar University-Girls Branch, in Partial Fulfillment of the Requirements of Doctor Degree in Operative Dentistry. (2018)
  2. One Year Clinical Evaluation of White Spot Lesions Treated with Newly Introduced Resin Modified Glass-Ionomer in Comparison to Resin Infiltration in Anterior Teeth: Shaimaa Ahmed. Supervisors: Prof. Mohamed Riad, Ass.Prof. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Doctor Degree in Operative Dentistry. (2016)
  3. Effect of Number of Applications of Dentin Desensitizers on Microhardness at Erosive Like Lesions (In Vitro / SEM and In Vivo Study). Candidate: Mayada Said Ahmed Sultan Supervisors: Prof. Maha Niazy, Dr. Asmaa Harhash. Submitted to Al-Azhar University-Girls Branch, in Partial Fulfillment of the Requirements of Doctor Degree in Operative Dentistry. (2012)
  4. Remineralization potential of Nano-hydroxyapatite on Demineralized enamel and dentin lesions (In-Vitro study). Candidate: Wael Mohammed Gamal El-Din AbdElHameed Supervisors: Prof. Maha Niazy, Prof. Mona I Riad, Dr. Asmaa Harhash. Submitted to Al-Azhar University-Girls Branch, in Partial Fulfillment of the Requirements of Doctor Degree in Operative Dentistry. (2012)
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#### MEMBERSHIP OF PERIODICALS AND SCIENTIFIC JOURNALS

- International association for Dental Research
  - Nature
  - Egyptian Dental Journal
  - Research Gate
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#### AWARDS

- Awarded A Certificate of Appreciation from Fayoum University, Faculty of Dentistry for the over all efforts & Role in the Success of this institute in Sep 20<sup>th</sup> 2020.
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