



Curriculum Vitae (CV) for Faculty Staff

Personal statement:

As an Assistant Professor of Fixed Prosthodontics, I am committed to excellence in education, research, and clinical application. My academic and clinical interests center on developing and applying evidence-based restorative methods and prosthetic materials to improve treatment outcomes. I aim to engage students through dynamic teaching, foster analytical thinking, and promote clinical accuracy while contributing to the advancement of prosthodontic knowledge and practice.

1. Personal Information	
Name:	Ahmed Maged Shams El-Deen
Date and place of birth	4/9/1989 - Mansoura , Egypt
Faculty:	Dentistry
Department:	Prosthodontics
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2. Education			
Date	Issuing institute	Field	Degree
July 2011	Faculty of Dentistry, Mansoura University, Egypt	Dental Medicine and Surgery	BDS (Excellent with Honors)
March 2018	Faculty of Dentistry, Mansoura University, Egypt	Operative Dentistry, Endodontics, and Crowns & Bridges	MSc (Very good)
July 2022	Faculty of Dentistry, Mansoura University, Egypt	Fixed Prosthodontics	PhD

3. Specialization and area of interest	
General	Dentistry
Focus area	Fixed Prosthodontics



4. Professional experience

Position	Date
Clinical Demonstrator, Conservative Dentistry Department, Faculty of Dentistry, Mansoura University, Egypt	November 2012 – February 2018
Assistant Lecturer, Fixed Prosthodontics Department, Faculty of Dentistry, Mansoura University, Egypt	March 2018 – June 2022
Assistant Professor, Fixed Prosthodontics Department, Faculty of Dentistry, Mansoura University, Egypt	July 2022 - Present
Assistant Professor, Fixed Prosthodontics Department, Faculty of Dentistry, Mansoura National University, Egypt	September 2024 – February 2025
Clinical Coordinator, Mansoura-Manchester Dental Program (MMDP), Faculty of Dentistry, Mansoura University, Egypt	September 2023 – September 2025
Supervisor/Director, Mansoura-Manchester Dental Program (MMDP) Clinic, Faculty of Dentistry, Mansoura University, Egypt	September 2023 – September 2025

5. Research Experience

- Fixed Prosthodontics
- Esthetic Dentistry
- CAD/CAM Technology
- Digital Dentistry
- Laminate Veneering
- Dental Shade and Color Perception
- Endocrowning Approach
- Dental Ceramics
- Finite Element Analysis
- Weibull Analysis
- SEM Fractographic Analysis



6. Publications

Name of Author(s)	Title
ORCID: 0000-0003-2006-9526	
Ahmed Shams, Amal Abdelsamad Sakrana, Shaimaa Ahmed Abo El-Farag, Fatma Abdallah Elerian, Mutlu Özcan	Biomechanical behavior of endodontically treated premolar teeth restored with novel endocrown system: 3D Finite Element and Weibull analyses
Ahmed Shams, Amal Abdelsamad Sakrana, Shaimaa Ahmed Abo El-Farag, Mutlu Özcan	Assessment of biomechanical behavior of endodontically treated premolar teeth restored with novel endocrown system
Ahmed Shams, Mohammed Elsherbini, Abdallah Ahmed Elsherbiny, Mutlu Özcan, Amal Abdelsamad Sakrana	Rehabilitation of severely-destructed endodontically treated premolar teeth with novel endocrown system: Biomechanical behavior assessment through 3D finite element and in vitro analyses
Nesma Elgohary, Mostafa A. Abdelshafi, Ahmed Shams	Influence of repeated firings on the optical properties of zirconia ceramic core with different thicknesses of veneering ceramic: An in vitro study
Musstafa Marwan Katamesh, Amira Ahmed Attia, Ahmed Shams, Mai Haggag	Evaluation of soft tissue preservation using hydroxyethyl cellulose adhesive strips over immediately-placed dental implants in mandibular molar area
Ahmed Shams, Mostafa A. Abdelshafi, Mohammed Talaat Salem	Fracture behavior of endodontically treated premolar teeth restored with different lithium silicate-based endocrown restorations
Mostafa A. Abdelshafi, Nesma Elgohary, Ahmed Shams	Impact of nanochitosan incorporation on the performance of resin-modified glass ionomer luting cement: A comprehensive in vitro study

7. Conferences and Presentations

Name- organizer	Place and date	Type of participation
Scientific day on Advances in Fixed Prosthodontics, Egyptian Ministry of Health and Population	Mansoura, Egypt (7-9/9/2021)	Speaker



4 th Mansoura International Dental Congress - Mansoura University	Mansoura, Egypt (19-21/10/2022)	Participant
Assessment Methods and Examination, Question Selection and Standard Setting - Dr. Manas Dave, University of Manchester	Mansoura, Egypt (15/1/2024)	Participant
Digital Dentistry Conference (Going Digital & Growing Digital) - CAPP/ADA	Live Webinar (26-27/4/2024)	Participant
Wellbeing of students at Manchester - Dr. Sheva Grizelj, University of Manchester	Mansoura, Egypt (13/1/2025)	Participant
Egyptian Dental Syndicate International Congress (EDSIC)	Cairo, Egypt (3-5/9/2025)	Participant
Multiple Scientific Days, Faculty of Dentistry, Mansoura University, Egypt	Faculty of Dentistry, Mansoura University, Egypt	Speaker

8. Training courses

Course name-organizer	Date
Financial and Legal Aspects in University Affairs - Mansoura University Development Center	8-9/1/2018
Scientific Conference Organization - Mansoura University Development Center	14-15/1/2018
Integration of Technology in Teaching - Mansoura University Development Center	28-29/1/2018
Statistical Analysis Skills - Mansoura University Development Center	30-31/1/2018
Professional Ethics and Conduct - Mansoura University Development Center	4-5/2/2018
ICDL Standard Profile - Scientific Computing Center, Mansoura University	8/2/2018



Scientific Search Engines and University Ranking Systems - Mansoura University Development Center	2-3/9/2018
Local and International Competitive Research Projects - Mansoura University Development Center	27-28/1/2019
Reference Management and Electronic Indexing - Mansoura University Development Center	7-8/9/2020
Preparation and Design of Electronic Examinations - Mansoura University Development Center	14-15/10/2020
Successful Leadership Skills - Mansoura University Development Center	20-21/3/2021
Credit Hours System in Higher Education - Mansoura University Development Center	7-8/6/2022
Examination Systems and Student Evaluation - Mansoura University Development Center	10-11/12/2024
Sustainable Development Goals and Egypt Vision 2030 - Mansoura University Development Center	28-29/1/2025
Quality of Performance in Academic Departments - Mansoura University Development Center	29-30/4/2025
Prep vs No-prep Veneers: Indications and Limitations - CAPP/ADA	13/5/2025
Innovative Clinical Solutions for Implant Cases in the Aesthetic Zone: Thinking Beyond the Conventional - Cases Discussion - CAPP/ADA	29/5/2025
Scientific Article Writing - Mansoura University Development Center	29-30/7/2025
From Tray to Touchscreen: Intraoral Scanners Explained - CAPP/ADA	31/7/2025
Essentials of Tooth Preparation - CAPP/ADA	2/9/2025



9. Teaching Experience for last 5 years

Course Name	Year	Institute
Fixed Prosthodontics (Level 3)	2023-2025	Faculty of Dentistry, Mansoura University, Egypt
Fixed Prosthodontics (Level 4)	2023-2025	Faculty of Dentistry, Mansoura University, Egypt
Fixed Prosthodontics (Level 5)	2023-2025	Faculty of Dentistry, Mansoura University, Egypt
Fixed Prosthodontics (Level 3)	2024/2025	Faculty of Dentistry, Mansoura National University, Egypt
Fixed Prosthodontics (MMDP students)	2023-2025	Faculty of Dentistry, Mansoura University, Egypt
Fixed Prosthodontics (Postgraduate students)	2023-2025	Faculty of Dentistry, Mansoura University, Egypt

10. committees' membership and community service

Date	Name or type of membership/service
2024-2025	Quality Assurance and Accreditation Committee, Faculty of Dentistry, Mansoura University, Egypt / Coordinator
2024-2025	Examination Control Committee for Level 5, Faculty of Dentistry, Mansoura University, Egypt / Full member
2024-2025	Examination Control Committee for Level 3, Faculty of Dentistry, Mansoura National University, Egypt / Full member
2023-2024 2024-2025	Examination Control Committee for Level 4 MMDP, Faculty of Dentistry, Mansoura University, Egypt / Full member
1/7/2022 - Present	Egyptian Prosthodontic Association / Full member
27/11/2012 - Present	Egyptian Dental Syndicate / Full member



11. Awards And Honors

Name	Date	Issuing authority
The "Best Doctoral Thesis "for academic year 2022/2023	24/7/2023	Mansoura University, Egypt

12. Other skills

Public Speaking and Presentation Skills

Computer Architecture (ICDL 2018)

Digital Learning Tools

Leadership and Team Management

Languages: Arabic (native), English (fluent)

13. References

- **Assoc. Prof. Nesma M. Elgohary**

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- **Assoc. Prof. Mohamed A. Ellayeh**

Associate Professor, Department of Fixed Prosthodontics, Faculty of Dentistry, Mansoura University, Egypt

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- **Prof. Abeer M. Abdellatif**

Professor, Department of Pediatric Dentistry and Dental Public Health, Faculty of Dentistry, Mansoura University, Egypt

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- **Prof. Yasser L. Abdelnaby**

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