

Dr. Dina Mohamed Abd-El Aty

University professor

Egypt | +201094256986| dinaabdelaty@pharma.asu.edu.eg | [LinkedIn](#)

Highly accomplished University Professor in Pharmaceutics and Pharmaceutical Technology with over 18 years of experience in teaching, research, and student mentorship. Currently a Lecturer in Pharmaceutics and Pharmaceutical Technology at Ain Shams University, with a strong record of designing and delivering engaging lectures and guiding innovative research projects. Holding a Ph.D. in Pharmaceutical Sciences (Drug Technology), I am skilled in curriculum development, student advisement, and academic leadership. Passionate about fostering critical thinking and hands-on learning, I am dedicated to preparing the next generation of pharmaceutical professionals for academic and industry success.

EDUCATION

Ph.D. in Pharmaceutical Sciences Drug Technology	2024
• Faculty of Pharmacy, Ain Shams University Cairo, Egypt	
M.Sc. in Pharmaceutical Sciences Pharmaceutics	2015
• Faculty of Pharmacy, Ain Shams University Cairo, Egypt	
B.Sc. in Pharmaceutical Sciences	2006
• Faculty of Pharmacy, Ain Shams University Cairo, Egypt	
High School Diploma	2001
• Nokrashy Experimental Language School Cairo, Egypt	

PROFESSIONAL EXPERIENCE

Lecturer in Pharmaceutics and Pharmaceutical Technology	May 2024 : Present
Faculty of Pharmacy, Ain Shams University Cairo, Egypt	
• Designed and delivered engaging lectures, emphasizing hands-on experiments to bridge theoretical knowledge with practical application.	
• Supervised research projects, guiding students through scientific inquiry, data analysis, and experimental techniques.	
• Provided personalized mentorship to students, supporting their academic and professional development goals.	
• Led and organized extracurricular educational activities, such as workshops and field trips, to enhance student engagement and learning outcomes.	
Assistant Lecturer / Lecturer	May 2015: May 2024
Faculty of Pharmacy, Ain Shams University Cairo, Egypt	
• Designed and delivered lectures, labs, and course materials to enhance student comprehension in pharmaceutical sciences.	
• Supervised research projects and mentored students in experimental methodologies and academic growth.	
• Conducted original research, contributing to publications and participating in academic conferences.	
• Actively engaged in curriculum development, faculty committees, and organizing extracurricular educational activities.	
Instructor / Assistant Lecturer	Jun 2006: May 2015
Faculty of Pharmacy, Ain Shams University Cairo, Egypt	
• Delivered lectures and lab sessions to support student understanding of core pharmaceutical concepts and techniques.	
• Supervised undergraduate research projects, guiding students in data collection and scientific analysis.	
• Provided individualized academic support and mentoring to enhance student learning outcomes.	
• Participated in curriculum updates and contributed to faculty committees to improve educational standards.	
Instructor / Assistant Lecturer	Jun 2006: May 2015
Faculty of Pharmacy, Ain Shams University Cairo, Egypt	
• Conducted lectures and hands-on lab sessions to deepen student understanding of pharmaceutical sciences.	
• Guided students through research projects, fostering skills in scientific inquiry and experimental procedures.	
• Provided academic advising and personalized mentorship to support student academic success.	
• Contributed to curriculum development and participated in faculty committees to enhance educational quality.	

PUBLICATIONS

- Development of Novel self-emulsifying Fenofibrate microspheres and Dry Emulsion | **EI 2015**
Azhar university.
- Engineering and Development of Biocompatible Microemulsion System of Dexamethasone **2023**
Sodium Phosphate for the Management of Acute Uveitis, International journal of
pharmaceutics

SCIENTIFIC RESEARCH

- Nano-technology | Preparation, Optimization and Characterization of Different Nanocarriers.
- Oral dosage form for hyperglycemia.
- Pulmonary Targeting.
- Cancer Therapy.
- Topical disorders
- Transmucosal disorders

CONFERENCES

- **9th., Annual** **Apr 2021**
Ain Shams University International Congress 2021
- **8th Scientific Conference of** **Apr 2019**
Ain Shams University "Creativity – Innovation – Industry"
- **2nd International Conference of Faculty of Pharmacy** **Nov 2018**
Ain Shams University 2nd ICPASU

WORKSHOPS

year 2023

- Successfully completed total continuous medical education credit points CMEP in
Systematic Review and Meta-analysis
- Attended STDF international workshop of Grant Writing.
- Attended STDF international workshop of Writing a Research Paper
- Attended STDF international workshop of Research Methodology

year 2022

- Professional writing of grant proposal
- Professional scientific oral Presentation
- Professional presentation of poster
- Publish your research open access Springer Nature.
- Validation of cleaning
- Stress management
- E-learning using ASU2 learn

year 2021

- Nature Research Academies workshop; Successful pre-submission publishing strategies .
- How to get published for Egypt| IOP
- How to review your manuscript before submission
- How to Write results and discussions
- How to Write professorial responses to reviewers
- How to Write conclusion, abstract, titles and references
- Emerald; structuring a publishable paper
- Biostatistics level 1
- Organization of Scientific Conferences
- Credit hours

year 2020

- Software tools for publishing and references management
- Scholarly Publishing in Indexed Journals
- Online learning scientific Writing

year 2019

- Researcher academy on campus; cell press
- Researcher academy on campus; promote your research capabilities

year 2017

- Research Projects Development
- Effective Presentation Skills
- Development of Examinations System
- Will of Change
- Effective Teaching

year 2016

- Use of ICT In Teaching

SKILLS

- **Research and Data Analysis:** Expertise in conducting original research, analyzing data, and publishing findings in reputable academic journals.
- **Curriculum Development:** Proficient in designing and updating course materials, assessment methods, and learning resources to align with current industry and academic standards.
- **Lecture and Seminar Delivery:** Skilled in delivering interactive lectures, seminars, and lab sessions for undergraduate and graduate students.
- **Academic Assessment:** Competent in evaluating student performance, grading assignments, and providing constructive feedback for academic improvement.
- **Project Supervision:** Experienced in supervising thesis projects for undergraduate, master's, and doctoral students, ensuring high-quality research outcomes.
- **Grant Writing and Research Funding:** Capable of securing research funding through proposal writing and collaboration with research partners.
- **Committee Participation:** Involved in faculty and departmental committees for curriculum development, accreditation, and quality assurance.
- **Advanced Computer Proficiency:** Proficient in using educational technology, research databases, and software for data analysis and academic content management (e.g., Microsoft Office, SPSS, EndNote).
- **Effective Communication:** Ability to clearly convey complex concepts in an engaging manner, fostering student understanding and active participation.
- **Mentorship and Guidance:** Skilled in providing academic and career support, helping students excel in their studies and research endeavors.
- **Problem-Solving:** Strong analytical skills to troubleshoot academic challenges, optimize teaching methods, and resolve student issues.
- **Adaptability:** Capable of adjusting teaching strategies to meet the needs of diverse learners and evolving academic requirements.
- **Time Management:** Efficient in balancing teaching, research, student mentoring, and committee responsibilities to achieve institutional goals.
- **Leadership and Team Collaboration:** Experience in leading research projects, contributing to faculty committees, and collaborating with colleagues to improve educational programs.
- **Continuous Learning:** Committed to lifelong learning and staying updated on advancements in the field of pharmaceutical sciences and educational methodologies.

LANGUAGE

- **Arabic :** Mother tongue
- **English :** Advanced