***Curriculum Vitae***

**Dr. Eman Ali Hussain**

***Mustansiriyah University – College of Science***

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**Personal Summary:**

Assistant Professor / Specialization : Applied Math: / Academic Researcher /

**Education:**

* Ph.D. #1: Ph.D. in Applied Mathematics - College of Science /University of Al Mustansiriyah - 1999
* M.Sc. #2: Master in Applied Mathematics / College of Science / University of Baghdad - 1987
* B.Sc. #3: Bachelor of Mathematics / College of Science /University of Al Mustansiriyah - 1981

**ACADEMIC HONORS AND AWARDS:**

* #1: Many thanks and appreciation letters.
* #2: Certificates of appreciation from multiple leaderships levels.

**ACADEMIC /TEACHING EXPERIENCE:**

* #1: 30 years of teaching and scientific research / Supervised 7PhD students and 17 Master students.
* # 2: Teaching many courses in the Mathematics Department and in theother department in the College

of Science (Physics, Chemistry and Biology)

**CO URSES TAUGHT:**

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| --- | --- |
| **Undergraduate** | **Graduate** |
| 1. calculus 2. Advanced calculus 3. Mathematical Foundations 4. Probability 5. Computer programming 6. Topics in computer Science 7. Geometry 8. Measure Theory 9. Mathematical Analysis 10. Complex Analysis 11. Numerical Analysis 12. Mathematical Methods 13. Analytical Mechanics 14. Theory of Differential Equations 15. Fuzzy Theory 16. Numerical Solutions of Integral Equations | 1. Calculus of variation 2. Integral Equations 3. Fuzzy Theory 4. Fuzzy Numerical Analysis 5. Advanced Numerical Methods 6. Advanced Differential Equation 7. Viscous Flow 8. Finite Element Method 9. Variational Methods 10. Advanced Topics in Mathematics |

**PROFESSIONAL AFFILIATIONS:**

* Member of the Iraqi Society of Mathematics and Physics.
* Member of the Iraqi Teachers Association

**PUPLICATIONS:**

* Papers : 46 papers published in refereed Journals in the field of Applied Math.

**PROFFESSIONAL DEVELOPMENT**

* Certifications.
* Conferences.
* Workshops.