



***Prof. Esmat Abdel-Fattah Abdallah***, B.Sc. Degree 1968 from Cairo University, Faculty of Engineering, M.Sc. Degree 1972 from Cairo University, Faculty of Engineering and Ph.D. 1975 from faculty of Engineering, Cairo University. Now Professor Emeritus with the Microstrip Department, Electronics Research Institute.

She was nominated as the Head of Microstrip Laboratory, Electronics Research Institute, National Research Center (1981-1987), Head of Electronics Research Department 1988-1989. Then she was nominated as the president of Electronics Research Institute for nearly ten years. The main research area and technical experience of Prof. Esmat includes: RF, electromagnetics and microwave engineering, planar microwave components and systems (passive and active), microwave nonreciprocal components using magnetic materials, antenna systems for wireless communication applications, biomedical sensors, ground penetrating radar, radio frequency identification, in addition to printed RF circuit fabrication and measurements in frequency domain and time domain. Prof. Esmat has many activities such as:

- Supervising the establishment of Electronics Research Institute (ERI),
- Supervising the establishment of Microstrip Laboratory in ERI for research and development.
- More than 260 papers published in the International and national journals and conferences.
- Supervising more than 70 Ph.D and M.Sc. thesis in Cairo University, Ain Shams University, Military Technical College, Arab Academy of Scientific Research and Technology, AL-Azhar University, etc.
- PI and member in more than 30 contracted projects funded by many funding agencies such as: Academy for Scientific Research and Technology (ASRT), National Science Foundation (NSF), International Organization of Civil Aviation, Science and Technology Cooperation (STC), U.S.
- Egypt Science and Technology Joint Fund, European Union, Oil Companies, Ministry of Defense, USAID, National Telecommunications Regulatory Authority (NTRA), Science and Technology Development Fund (STDF), National Authority for Remote Sensing & Space Science, (NARSS), Information Technology Industry Development Agency (ITIDA), etc.
- Publication of more than five books or chapters in books.
- Publication of four patents in the field of antennas and biosensors in the Egyptian Patent Office.
- Chairman of the first and fourth IEEE International Conferences on Electronics, Circuits and Systems, Dec. 1994, Dec. 1997.
- Ex member in the National Union of Radio Science (URSI) Committee for more than 26 years.
- Ex member in the National Specialized Council for Research and Technology, where she participated in six studies.
- Participating in the National Strategic Plan in the Field of electronics and informatics.
- Member in the Permanent Committee of promoting the Scientific Research members in the field of Electrical Engineering, Communication, Electronics and Informatics.
- Ex member in the High council of Scientific Research for more than ten years.