

Professor Emeritus Dr. Bahgat Rashad Shaheen



Architectural Engineering Department
Ph.D. Architecture and Environment - Head of
Department

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Education:

PhD, Higher Institute of Architecture - Moscow, year 1974

Higher Diploma, Higher Institute of Architecture - First Class Honors, 1966

Profile:

- Work as a teacher in the Department of Architectural Engineering / College of Engineering / University of Baghdad on 12/20/1975 until now.
- Head of the Department of Architectural Engineering at the College of Engineering / University of Baghdad from 2001 to 6/12/2010
- He worked in the engineering consultancy office at the University of Baghdad from 1980 to 2010.
- Continuing his teaching duties and supervising graduate students at the University of Baghdad - College of Engineering / until now as an experienced professor (Professor Emeritus)
- He works as a teacher at Al-Farabi University College - Department of Architecture from 2013-2014 until now.
- He carried out six courses in architecture and climate in hot and dry regions for the years 1987, 1988, 1989, 1990, 1991 and 1992, with all the facts and other courses in the various departments of the state. He has supervised more than eighty master's theses and thirty-five doctoral theses at the University of Baghdad - Department of Architecture, so far.

Teaching

- Architectural design / Fifth Stage - focuses on the concept of urban development through direct field documentation of heritage areas or central areas in Iraqi cities, and through this, developmental alternatives are developed as a basis in the concepts of preservation, development and building material in an organizational style.
- Thesis / Fifth Stage - The thesis is the final outcome of the juice of knowledge that the student reached during the years of his studies of intellectual maturity, origins in design work, affiliation to the place and its connection to the values and deep roots of his country, nation, society, traditions and culture... leaving the student the opportunity to express all these values through his thesis The intellectual and design of the chosen project, in which we confirm that it is one of the real projects proposed by the various state departments with a clear approved curriculum, or that it is proposed by the professors to solve a specific problem, or a project that is environmentally distinct,

topographically, or has quantitative requirements bearing a high-level formal character, or a project dedicated to a solution A problem or crisis posed on the architectural scene, such as housing projects, industrial projects, or a distinguished conservation project, in the case of large projects that allow the participation of more than one student to implement them.

- Supervising master's theses and doctoral theses, and continues until now after him as an experienced professor - University of Baghdad

Research Focus

- **Published more than sixty research papers in the field of architecture, climate, architecture acoustics, and various research papers in the field of housing, hospital designs, and architecture theories. As well as an author for UNESCO on the accommodation of the university building in 1985 - and participated in several architectural competitions in the Office of Consulting Engineers.**

Publications

- Alawsi, W. A., Molchanov, V. M., & Shahin, B. R. (2021, March). Diagnosing the Most Effective Environmental Aspects in Eco-Friendly Multi-Storey Residential Complexes. In IOP Conference Series: Materials Science and Engineering (Vol. 1079, No. 5, p. 052071). IOP Publishing.
- Aldiwani, H. S. M., & Shahin, B. R. (2021, March). The Concept of Customization and the Evolutionary Path of Industrialized Architecture in the Twentieth Century. In IOP Conference Series: Materials Science and Engineering (Vol. 1090, No. 1, p. 012071). IOP Publishing.
- Mohammed, S. K., & Shahin, B. R. (2021). Indicators of security and safety in diplomatic buildings, embassies as a model. Association of Arab Universities Journal of Engineering Sciences, 28(1), 46-58.
- Latif, A. A., & Shahin, B. R. (2021, March). Structural Design According to Constructal Theory in Architecture. In IOP Conference Series: Materials Science and Engineering (Vol. 1090, No. 1, p. 012070). IOP Publishing.
- Aldiwani, H. S. M., & Shahin, B. R. (2021, March). The Concept of Customization and the Evolutionary Path of Industrialized Architecture in the Twentieth Century. In IOP Conference Series: Materials Science and Engineering (Vol. 1090, No. 1, p. 012071). IOP Publishing.

Affiliations/Activities

- **Founding member of the Engineering Consulting Office - University of Baghdad since 1980.**
- **Member of the Iraqi Engineers Syndicate - Consultant since 1967**
- **Member of a committee that evaluates graduation projects for the completed stages in the architectural departments in Iraqi universities so far.**
- **Member of the Certificate Equivalency Committee in the Iraqi Engineers Syndicate for many years.**
- **Member of the Editorial Board of the Journal of Engineering and Technology - University of Technology from 1990 to 2010.**
- **Member of the Scientific Advisory Board of the Engineering Journal - University of Baghdad until now.**

- **Member of the editorial board of the Iraqi Journal of Architecture - University of Technology.**
- **Member of the Architectural Sector Committee since its establishment until 2003.**
- **Member of the Higher Committee for Basic Design for the City of Baghdad / Municipality of Baghdad from 2005 to 2016.**
- **Member of the Scientific Advisory Board / Journal of the College of Engineering - University of Baghdad until now.**
- **Member of the advisory committees in the Ministry of Municipalities and Public Works / Urban Planning / until 2012.**
- **Consultant in the Municipality of Baghdad, the Ministry of Transport, the Ministry of Construction and Housing, the Shiite Endowment Bureau, the Sunni Endowment Bureau, the Ministry of Youth and Sports, and the Ministry of Culture.**