

# BASSAM H. HABIB



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<https://scholar.google.com/citations?hl=en&user=awaWkmYAAAAJ>



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Doctor of Philosophy in Plasma Physics (Theory and Modeling).  
A member of teaching staff in Al- Mansour University College.

## EXPERIENCE

**DATES FROM 11 / 27 / 2021 TILL NOW**  
**HEAD OF COMMUNICATION DEPARTMENT AND A MEMBER OF THE FACULTY.**

**DATES FROM 2001– 11 / 26 / 2021**  
**A MEMBER OF TEACHING STAFF, AL-MANSOUR UNIVERSITY COLLEGE**

**DATES FROM 1990- 1993**  
**A PHYSICIST, MINISTRY OF INDUSTRY AND MINERALS**

**DATES FROM 1987- 1989**  
**A PHYSICIST, IRAQI ATOMIC ENERGY AGENCY**

## EDUCATION

**MARCH 1999**  
**PH.D. IN PHYSICS, UNIVERSITY OF BSGHDAD, IRAQ**  
Thesis Title: A Model of Laser Driven Plasmas Due to Laser Supported Detonation Waves.

**JULY 1986**  
**M.SC. IN PHYSICS, AL- MUSTANSIRYA UNIVERSITY, IRAQ**  
Thesis Title: Determination of the Nuclear Vertex Constant for the Decay of Lithium Nucleus into Alpha and Tritium Using Square Well Potential

**JUNE 1982**  
**B.SC. IN PHYSICS, SLAH AL- DEEN UNIVERSITY, IRAQ**

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## SKILLS

- Getting certificates in computer and programming courses.
- Getting certificates in Teaching Skills course.
- Modeling of Physical Processes.
- Linguistic calendar for graduate studies.

## PUBLICATIONS

- “Plasma Dynamics and Pulse Shape Rules in Laser Heating of Opaque Targets in Air”. Iraqi Journal of Physics, Vol. (8) No. (12), 2010.
- “Pulse Profile Rule in Laser Heating of Opaque Targets in Air” Baghdad Science Journal, Vol. (8), No. (3), 2011.
- “A Simple Model of Spark Gap Discharge Phase”. Engineering & Technology Journal, Vol. (31) Part (A), No. (9), 2013.
- “A Simple Model of Capacitor Discharge Through a Spark Gap”. Engineering & Technology Journal (A), Vol. (33), No. (6), 2015.
- “Considerations on Spark- Gap Channel Radius and Electrical Conductivity” Engineering & Technology Journal (B), Vol. (38), No. (3), 2020.

## AWARDS, THANKS & APPRECIATION, AND PATENTS IF ANY

- Many Thanks and Appreciations from Al-Mansour University College.
- Thanks and Appreciation from The Ministry of Science and Technology. January 2013.
- Thanks and Appreciation from The Ministry of Higher Education and Scientific Research. April 2021.

