

CURRICULUM VITAE

Personal Profile:

Full Name : Haitham Abdulsada Al-Hajjaj
Date of birth : 29-09-1978
Place of Birth : Basrah
Nationality : Iraq
Marital Status : Married
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Academic Affiliation:

Current University : Basrah University
Faculty : College of Education for Pure Science
Department : Mathematics Department
General Specialization: Mathematics
Fine Specialization : Steenrod Algebra/ Cohomology Operation/ Algebraic Topology.

Educational Background

Degree Obtained	Field of study
a) Ph.D. Mathematics Department, College of Science, Swansea University, Wales, UK.	Steenrod Algebra, Cohomology Operation, Algebraic Topology
b) M.Sc. Mathematics Department, College of Science, Basrah University, Iraq.	Differential Topology. Riemannian Geometry. Kahler Geometry.
c) B.Sc. Mathematics Department, College of Science, Basrah University, Iraq	Mathematics

Title of Thesis

- (a) Title of **M.Sc. thesis** is "*Locally Conformal Kahler manifold of Class R^3* "
Supervisor: Professor. Habeeb Aboud.
- (b) Title of **Ph.D thesis** is "*Annihilated Elements in the Homology of Powers of Infinite Complex Projective Space*". **Supervisor:** Dr. Martin Crossley.

Area of Research

- Differential Topology.
- Kahler geometry.
- Steenrod algebra.
- Cohomology Operation.
- Algebraic Topology

Conferences Attended

- 1) International conference of mathematics and its applications, **Basrah University, Iraq (2014).**
- 2) Eighty Fourth Meeting of the Transpennine Topology Triangle, **Sheffield University, Sheffield, United Kingdom, (2012).**
- 3) 26th British Topology Meeting, **Edinburgh University, Edinburgh, United Kingdom, (2011).**
- 4) Young Topologist Meeting, **Lausanne, Switzerland (2011).**
- 5) Seventy-fifth Meeting of the Transpennine Topology Triangle, **Sheffield University, Sheffield, United Kingdom, (2010).**

Articles

- 1) **Habeeb Aboud, Al-Hajjaj Haitham.** "Locally Conformal Kahler Manifold of Class R3" JOURNAL OF SCIENCE AL-MUSTANSIRIYAH. Vol.19. No. 4. (2008).
- 2) **Al-Hajjaj Haitham.** "Locally Conformal Kahler Manifold of Class W2" J. Basrsh Res. Vol.34. No. 5. 34-38 (2008).
- 3) **Al-Hajjaj Haitham.** "Almost Hermetian Manifold of Constant type and J-invariant". J. Al-Qadisiya Conference (2008).

Languages Proficiency

Arabic and English Language.

Work Experience

<u>Position held</u>	<u>period of services</u>	<u>institution</u>
(a) Assistant researcher	2001-2002	Department of Mathematics/Basrah University.
(b) Assistant lecturer	2005-2008	Department of Mathematics/Basrah University.
(c) Lecturer	2008-2021	Department of Mathematics/Basrah University.
(d) Department coordinator	2021-2022	Department of Mathematics/Basrah University.
(e) Head of department	2022-update	Department of Mathematics/Basrah University.

Topic in mathematics and computer science taught

For undergraduate level:

Course Title & Language of Instruction

Calculus, (English & Arabic)

Real analysis, (English & Arabic)

Foundation of mathematics, (Arabic)

Programming with basic, (English & Arabic)

Programming with Fortran, (English & Arabic)

Topology, (Arabic)

Operation research, (English & Arabic)

Advance mathematics for engineering (English)

For postgraduate level:

Course Title & Language of Instruction

Algebraic Topology, (English)

Homological Algebra, (English)

Lecturer

Dr. HAITHAM ABDULSADA AL-HAJJAJ