

PERSONAL

Name: Iden SHAMS

Marital Status: Married

Nationality: British

Date of Birth: 3 Feb 1957

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EDUCATION

Certificate of Advanced Study in Learning and Teaching, Imperial College London 2004

Ph.D. (Opto-electronics), Brunel University 1994

B.Sc., Mechanical Engineering, King's College London 1982

PROFESSIONAL AFFILIATION

- Chartered Engineer.
- Corporate Member of the Institution of Mechanical Engineers
- Member of the European Society of Biomechanics.
- Member of the DTI Industrial Advisory Group on Tissue Engineering centred on work at the National Physical Laboratory.
- Medical Devices Entrepreneur in Residence at SINFONEC.

PATENTS

- An Opto-Electronic Probe Used for Coordinate Measuring Machines.
- A Multiport Infusion Device.
- A Lung Function Test Device.
- A Novel Disposable Tourniquet with Pressure Indicator
- A Safety Needle.
- A Safety Cannula.
- A Safety Blood Collection Tube Holder

PROFESSIONAL EXPERIENCE

2idesigns Ltd

(03 – Present)

Job Title: Managing Director

Field of Work: *Medical Product Design and Development*

Company's main activity is the design, development and manufacture of medical devices. This is normally carried out in partnership with the healthcare industry and in particular with NHS. The company owns and has licensed a number of patents relating to novel disposable medical devices. These products are marketed through established medical device distributors.

Joanneum University

(07 - Present)

Job Title: Visiting Professor.

Field of Work: *Education and Research.*

The responsibilities of this position include regular lectures on Innovation Management and Design Topics as well as design project supervision.

Brunel University**(04 - 07)**

Job Title: Part of the Royal Academy of Engineering Visiting Professors Scheme.

Field of Work: *Education and Research.*

The responsibilities of this position included regular lectures on Innovation Management and Biomedical Engineering and Design Topics. Also consultancy on Industrially Applied Educational Planning and Strategy was provided.

Imperial College London**(01 – 03)**

Job Title: Senior Research Fellow

Field of Work: *Applied Research in Collaboration with Industry*

Responsible for project management of:

- Design of an Ultra-Accurate Positioning System for MRI Imaging in collaboration with Oxford Magnetic Technology.
- Design of a fine routing system for polarised fluid.
- Consultancy on Biomedical Engineering

AmirKabir University**(94 – 00)**

Job Title: Senior Lecturer

Field of Work: *Research and Education.*

Head of Biomechanics Group. Responsible for Ergonomics, Biomechanics, Rehabilitation, and Instrumentation courses at graduate level. Conducted applied research in conjunction with hospitals.

Taba Engineering**(94 – 00)**

Job Title: Senior Consultant

Field of Work: *Plastic Component Manufacture for Automotive Industry .*

Provided consultancy to a subsidiary of Peugeot in respect of a new local car design. In charge of the interior parts. I carried out negotiations with concept development groups, design houses, prototyping houses and injection moulding companies in countries ranging from Japan to Spain on behalf of the car manufacturer.

Brunel University**(88 - 93)**

Job Title: Senior Project Engineer

Field of Work: *Research and Education.*

Responsible for:

- Management of projects in the areas of opto-electronics and mechatronics.
- Design and development of an opto-mechanical sensor.
- Teaching on short courses to groups of engineers from industry.

V & S Scientific Ltd**(82 - 88)**

Job Title: Mechanical Design Engineer / Project Engineer

Field of Work: *Laser Optics and Sub-Systems.*

Responsible for:

- Fine mechanical designs for Optical Housings.
- Mechanical designs for Industrial CO2 Laser Subsystems.
- Mechanical design for Laser Scanning Systems.