

Raja Aljaji

Curriculum Viate

Personal Data:

- **Name:** Raja Mohammed Deeb Aljaji
- **Educational level:** Assistant Professor
- **Specialty:** Science Curriculum and Teaching methods
- **Nationality:** Syrian
- **Birth date:** 23/July/1974
- **Birth place:** Aleppo – Syria
- **Current Address:** Taman Melati, Kuala Lumpur, Malaysia
- **Email:** raja.74@hotmail.com



Education:

- **Post-Doctoral Fellow (PDF)**
Researcher at IIUM - Malaysia 2018-2020
- **Ph.D. Degree in Philosophy in Education specializing in Science Curriculum and Teaching Methods (96%)** - Faculty of Education, San'a University, Yemen. 2015- 2017
(Title): THE EFFECTIVENESS OF TEACHING “ENVIRONMENTAL PROBLEMS COURSE” ACCORDING TO BRAIN-BASED LEARNING PRINCIPLES ON DEVELOPMENT LOVE OF LEARNING & MORAL INTELLIGENCE FOR EDUCATION COLLEGE STUDENTS
- **Pre-Ph.D. in (Philosophy in Education) (91.46%)**
Faculty of Education, San'a University, Yemen. 2012-2014
- **Master Degree in Science Curriculum and Teaching Methods**
Faculty of Education, San'a University, Yemen. 2006-2009

(Title): THE IMPACT OF TEACHING A DEVELOPED UNIT ACCORDING TO THE INTEGRATION APPROACH ON IMPROVING 11th SCIENCE GRADE STUDENTS' PROBLEM SOLVING SKILLS

- **Bachelor Degree of Education (Biology)**

Faculty of Education, San'a University, Yemen

1994-1998

Work Experience:

- Students' Research Advisor - University of Science and Technology, Yemen.
Open and Distance Learning Faculty. 2019-Now
- Taught a Research Methodology Course, University of Science and Technology, Yemen. (online teaching) 2019
- Director of Talent Development Center (TDC) in University of Science and Technology, Yemen. 2008-2016
- Editor for the International Journal for Talent Development, Talent Development Center (TDC), University of Science and Technology, Yemen. 2009-2016
- Editor for the Arabic Journal for Quality Assurance in Higher Education, Association of Arab Universities, Jordan. And University of Science and Technology, Yemen. 2009-2016
- Taught a Curriculum Analysis Course in University of Science and Technology, Yemen. 2008-2010
- Biology and Chemistry for Secondary level teacher in several public and private schools in Yemen. 2002-2008
- Elementary level teacher in private schools, Yemen. 1998-2001

Professional Activities:

- Member of Quality and School Accreditation Standards evaluation committee for Ministry of Education, Yemen. 2015
- Leadership Performance Assessment Consultant in SOUL Foundation for Development. 2015
- Member of School Excellence Award preparation team for Alsaeed Institution, Yemen. 2015

- Vice President of the supervising committee of Sheikh Saleh Babakr award for innovation. 2014-2015
- Supervising the implementation of Scientific Seminars of the Talented and Gifted in Yemen. 2010-2013
- Head of Educational Excellence and Innovation Awards supervision committee in Talent Development Center. 2010-2013
- Creator and implementer of Creativity Development Program in Arrasheed Modern Schools. 2013
- Member of Inventions Evaluating Committee in Manarat School. 2013
- Head of a committee that was responsible for evaluating Alnahda School according to the quality standards. 2014
- Head of a committee that was responsible for evaluating Arrasheed Modern Schools according to the quality standards. 2013
- Head of a committee that was responsible for evaluating Manarat School according to the quality standards. 2012

Expertise and Interests:

- Certified Trainer in TRIZ program (Creative thinking in problem solving) – De Bono Center for Teaching Thinking, Jordan.
- Certified Trainer in SCAMPER program (Thinking and scientific imagination) – De Bono Center for Teaching Thinking, Jordan.
- Certified Trainer in CoRT thinking program - De Bono Center for Teaching Thinking, Jordan.
- Certified Practitioner in Brain-Based Learning theory with a certification from Tony Rayan (an expert in Brain-Based Learning theory- Australia) - Childhood International Center for Early Learning & Development, Jordan.
- An expert in MBTI personality types.
- An expert in strategic planning and Planning according to the Balanced Scorecard.
- Curriculum and educational materials preparation for talented and gifted students in both universities and schools.

- Preparation of training programmes for teachers who are responsible for teaching talented and gifted students in schools and universities.
- Scientific awards' manuals and regulations preparation.
- Manuals preparations for discovering talented and gifted students in schools.
- Preparing awareness programmes for parents and community members on the modality of dealing with talented, gifted and innovators.
- Preparing researches' priorities in the Talented and Gifted field in various countries.
- Assessment and preparing requirements, plans, strategies and executive programmes for founding educational corporations that focus on talented and gifted students.
- Preparing training programmes for students and faculty of school in thinking development in universities.
- Characterization of university programmes according to the Academic Accreditation Standards.
- Expertise in using metrics and tests (IQ tests, Personality types tests, thinking test)
- Expertise in suggestions preparation for educational and managerial services.
- Expertise in evaluating managerial units and individuals.
- Expertise in evaluating schools according to quality standards.
- Expertise in evaluating characterizations and skills of talented students.
- Expertise in moral intelligence development and enforcing learning in students.

Research Activity:

- Member of the Scientific Research Committee - Deanship of Graduate Studies and Scientific Research, University of Science and Technology 2015
- Participant in the 6th Arab Scientific Conference for Gifted and Talented, Jordan. 2009
- Participant in the 7th Arab Scientific Conference for Gifted and Talented, Jordan. 2010

- Participant in the 8th Arab Scientific Conference for Gifted and Talented, Jordan. 2011
- Participant in the 9th Arab Scientific Conference for Gifted and Talented, Jordan. 2012
- Participant in the 10th Arab Scientific Conference for Gifted and Talented, Jordan. 2013

Books and Published Researches:

No.	Year	Research/Book Title	Journal/Publisher	Volume	Pages
1.	2008	<i>The Current Situation of Family Counseling in Yemen</i>	the Supreme Council of Motherhood and Childhood	-	1-56
2.	2009	<i>The Effectiveness of Integrated Curriculum on Scientific Thinking Skills' Development for 11th Grade female students</i>	6th Arab Scientific Conference for Gifted and Talented	First	101-126
3.	2009	<i>IQ and its Relation to self- confidence for Talented students in The University of Science and Technology</i>	6th Arab Scientific Conference for Gifted and Talented	First	31-50
4.	2010	<i>Gifted Students' Stress and Its Relationship with Intelligence and Achievement at Sana'a City Schools</i>	7th Arab Scientific Conference for Gifted and Talented	First	113-136
5.	2010	<i>The Current Situation of Gifted Student Care in Yemen.</i>	7th Arab Scientific Conference for Gifted and Talented	First	137-172

No.	Year	Research/Book Title	Journal/Publisher	Volume	Pages
6.	2010	<i>Level of Academic Staff Commitment to Professional Ethics of Teaching at the University of Science and Technology</i>	Paper presented at the 4th conference of higher education in Yemen	-	1-17
7.	2011	<i>The Effect of Designing and Programming Robots in Developing Creative Thinking and Scientific Skills for High School Students at the city of Sana'a</i>	8th Arab Scientific Conference for Gifted and Talented	First	507-544
8.	2011	<i>Gifted Students' Achievement and its Relationship with Creative Thinking Skills in Yemen</i>	8th Arab Scientific Conference for Gifted and Talented	First	407-430
9.	2011	<i>The role of Educational Association in Development</i>	The International Conference of International Moderation Forum in Amman-Jordan	-	-
10.	2012	<i>The Invention's Encouraging Environment to Invent for Yemeni Inventors</i>	9th Arab Scientific Conference for Gifted and Talented	First	97-132
11.	2013	<i>Critical Thinking's Level for University of Science and Technology Students</i>	the Arabic Journal for Quality Assurance in Higher Education	4(7)	171-189
12.	2013	<i>Talent Development Center: A Case Study</i>	10th Arab Scientific Conference for	Second	141-160

No.	Year	Research/Book Title	Journal/Publisher	Volume	Pages
			Gifted and Talented		
13.	2013	<i>The Effectiveness of Developed Unit According to Brain based Learning in developing self-esteem and creativity tendency for 3rd Grade Students</i>	10th Arab Scientific Conference for Gifted and Talented	First	123-146
14.	2013	<i>Talented and Gifted: A guide for Parents and Teachers</i>	Talent Development Center - UST	-	-
15.	2016	<i>Talent and Thinking Research Trends in The Arab World</i>	the International Journal for Talent Development	7 (13)	135-154
16.	2016	<i>Love of Learning: A Theoretical Model and Its Measurement.</i>	The 1st IATD Conference "Igniting Muslim Talent- Kuala Lumpur, Malaysia	-	-
17.	2018	<i>Moral Intelligence Establishing for University Students</i>	the International Journal for Talent Development	9(16)	141-170
18.	2019	<i>Developing the Love of Learning Scale for Adult Students</i>	the International Journal for Talent Development	10 (18)	59-90
19.	2020	<i>The Quality of Science Education in Yemen: A Comparative Study</i>	Arab Journal for Scientific Publishing (AJSP)	15	411-436

Voluntary and Community Contributions:

- Research Unit Officer - MyFamily Foundation, Yemen. 2008-2009
- Member of the Executive Committee - MyFamily Foundation, Yemen. 2008-2009
- Charitable Society for Quran evaluation committee member, Yemen. 2010
- Member of the talented and gifted club in University of Science and Technology, Yemen. 2009