

# CURRICULUM VITÆ

The personal data	
Full name	<b>Hasan Hadi Salman Khwayyir</b>
Date of birth	<b>1/3/1968</b>
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Academic Qualifications				
Qualification	University Name	Field- Specialization	Location / Country	Graduation Year
BSc	Technology university	Chemical Engineering	Baghdad - Iraq	1989
MS	Technology university	Chemical Engineering	Baghdad - Iraq	2003
Ph.D	Polytechnica in Bucharest	Chemical Engineering - Safety and Industrial Safety	Bucharest - Romania	2017

Scientific expertise		
Jobs and positions that work out	From the date - to date	Review of the main tasks of the job or position
Engineer - Chief Engineer (Ministry of Industry)	1990 - 2006	<ul style="list-style-type: none"> <li>• Butadiene Project Engineer (Petrochemicals 2)</li> <li>• Project Engineer for Concrete Additives Project</li> <li>• Operating engineer for several factories</li> <li>• Consultant Engineer, Metallurgical Industries and Water Insulation Company</li> </ul>
Teaching in Power Mechanics Department (Ministry of Higher Education and Research)	2006	<ul style="list-style-type: none"> <li>• Laboratory Officer</li> <li>• Library Administrator</li> <li>• Administration Officer</li> <li>• Scientific Division Officer</li> <li>• Director of the follow-up department</li> </ul>

Research Interest Areas

Supervision of M. Sc. Students		
Title of M.Sc Thesis	From the date - to date	Name of student and the position of the work


**Scientific Activities and literature and published research (Book - Journal - Conference)**

No.	Research Title	Publisher	Date of Publishing
1-	Use a rubber coupling to recycle the tire in the parts connecting the motor with the alternator	Al Qadisiyah journal	2011
2-	Fuel type and accident condition influence on bleve fire consequences from an industrial chemical plant	Romanian Chemical Engineering Society Bulletin	2014
3-	Proximity risk assessment for two sensitive chemical plants based on the accident scenario consequence analysis	Asia-Pacific Journal of Chemical Engineering	2014
4-	Accident condition influence on its effects and consequences for two case studies: A BLEVE fire from a maleic anhydride production plant, and a puff release from an industrial aniline synthesis reactor	U.P.B. Sci. Bull., Series B - Chemie, 77B, No. 1	2015
5-	Fireball coupled with a toxic puff release accident condition influence on consequences and possible domino effect occurrence for two risky neighbouring chemical plants	Environmental Engineering and Management Journal	2015
6-	Derivation of Pareto optimal operating policies based on safety indices for a catalytic multitubular reactor used for nitrobenzene hydrogenation	Chemical & Biochemical Engineering Quarterly	2016
7-	Accident condition influence on domino effect consequences for two sensitive neighbouring chemical plants	10th ELSESEDIMA International Conference on "Environmental Legislation, Safety Engineering and Disaster Management	2014
8-	Evaluation of runaway risk, accident consequences and Domino effect occurrence for two sensitive neighbouring chemical plants	The 20th National Conference with International Participation "PROGRESS IN CRYOGENICS AND ISOTOPES SEPARATION" Calimanesti-Caciulata, Valcea, Romania	2014