**curriculum vitae**

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| **The personal data**Picture |
| Full name | **Hasan Hadi Salman Khwayyir** |
| Date of birth | **1/3/1968** |
| Title / workplace | **Al Furat Alawsat Technical University / Technical** **Engineering College - Najaf** |
| Mobile phone | **07818960993** |
| Email | **eng.hassanhadi@yahoo.com** |

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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 |

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| **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 | * Butadiene Project Engineer (Petrochemicals 2)
* Project Engineer for Concrete Additives Project
* Operating engineer for several factories
* Consultant Engineer, Metallurgical Industries and Water Insulation Company
 |
| Teaching in Power Mechanics Department (Ministry of Higher Education and Research) | 2006 | • Laboratory Officer• Library Administrator• Administration Officer• Scientific Division Officer• Director of the follow-up department |

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| **Research Interest Areas** |
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| **Supervision of M. Sc. Students** |
| **Title of M.Sc Thesis** | **From****the date - to date** | **Name of student and the position of the work** |
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| **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 ELSEDIMA 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 |